

11/815,269

10/596,740 has overlapping scope with 11/815,269.

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PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	APR 04	STN AnaVist, Version 1, to be discontinued
NEWS	3	APR 15	WPIDS, WPINDEX, and WPIX enhanced with new predefined hit display formats
NEWS	4	APR 28	EMBASE Controlled Term thesaurus enhanced
NEWS	5	APR 28	IMSRESEARCH reloaded with enhancements
NEWS	6	MAY 30	INPAFAMDB now available on STN for patent family searching
NEWS	7	MAY 30	DGENE, PCTGEN, and USGENE enhanced with new homology sequence search option
NEWS	8	JUN 06	EPFULL enhanced with 260,000 English abstracts
NEWS	9	JUN 06	KOREAPAT updated with 41,000 documents
NEWS	10	JUN 13	USPATFULL and USPAT2 updated with 11-character patent numbers for U.S. applications
NEWS	11	JUN 19	CAS REGISTRY includes selected substances from web-based collections
NEWS	12	JUN 25	CA/CAPplus and USPAT databases updated with IPC reclassification data
NEWS	13	JUN 30	AEROSPACE enhanced with more than 1 million U.S. patent records
NEWS	14	JUN 30	EMBASE, EMBAL, and LEMBASE updated with additional options to display authors and affiliated organizations
NEWS	15	JUN 30	STN on the Web enhanced with new STN AnaVist Assistant and BLAST plug-in
NEWS	16	JUN 30	STN AnaVist enhanced with database content from EPFULL
NEWS	17	JUL 28	CA/CAPplus patent coverage enhanced
NEWS	18	JUL 28	EPFULL enhanced with additional legal status information from the epline Register
NEWS	19	JUL 28	IFICDB, IFIPAT, and IFIUDB reloaded with enhancements
NEWS	20	JUL 28	STN Viewer performance improved
NEWS	21	AUG 01	INPADOCDB and INPAFAMDB coverage enhanced
NEWS	22	AUG 13	CA/CAPplus enhanced with printed Chemical Abstracts page images from 1967-1998
NEWS	23	AUG 15	CAOLD to be discontinued on December 31, 2008
NEWS	24	AUG 15	CAPplus currency for Korean patents enhanced
NEWS	25	AUG 25	CA/CAPplus, CASREACT, and IFI and USPAT databases enhanced for more flexible patent number searching
NEWS	26	AUG 27	CAS definition of basic patents expanded to ensure comprehensive access to substance and sequence information
NEWS	27	SEP 18	Support for STN Express, Versions 6.01 and earlier, to be discontinued

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NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,  
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

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NEWS LOGIN Welcome Banner and News Items  
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Enter NEWS followed by the item number or name to see news on that  
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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 16:21:49 ON 24 SEP 2008

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 16:22:02 ON 24 SEP 2008

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STRUCTURE FILE UPDATES: 23 SEP 2008 HIGHEST RN 1052062-90-4

DICTIONARY FILE UPDATES: 23 SEP 2008 HIGHEST RN 1052062-90-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

Please note that search-term pricing does apply when  
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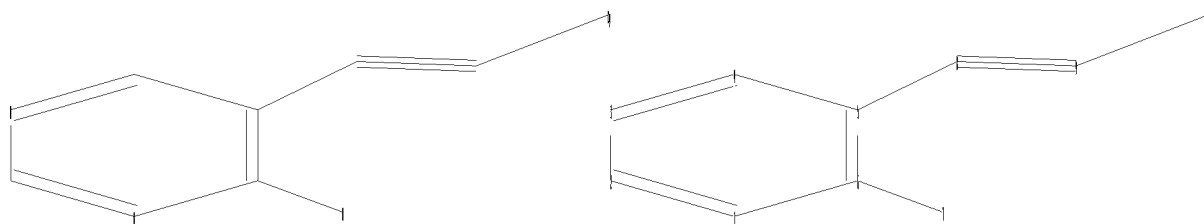
REGISTRY includes numerically searchable data for experimental and  
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on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\11815269.str

11/815,269

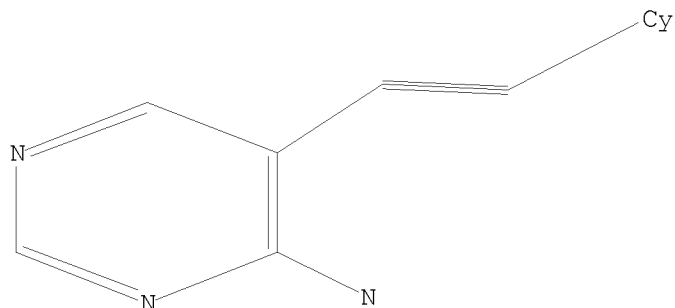


chain nodes :  
7 8 9 10  
ring nodes :  
1 2 3 4 5 6  
chain bonds :  
5-8 6-7 8-9 9-10  
ring bonds :  
1-2 1-6 2-3 3-4 4-5 5-6  
exact/norm bonds :  
6-7 9-10  
exact bonds :  
5-8 8-9  
normalized bonds :  
1-2 1-6 2-3 3-4 4-5 5-6  
isolated ring systems :  
containing 1 :

Match level :  
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:Atom

L1 STRUCTURE UPLOADED

=> d l1  
L1 HAS NO ANSWERS  
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam  
SAMPLE SEARCH INITIATED 16:22:26 FILE 'REGISTRY'

11/815,269

SAMPLE SCREEN SEARCH COMPLETED - 62 TO ITERATE

100.0% PROCESSED 62 ITERATIONS 10 ANSWERS  
SEARCH TIME: 00.00.01

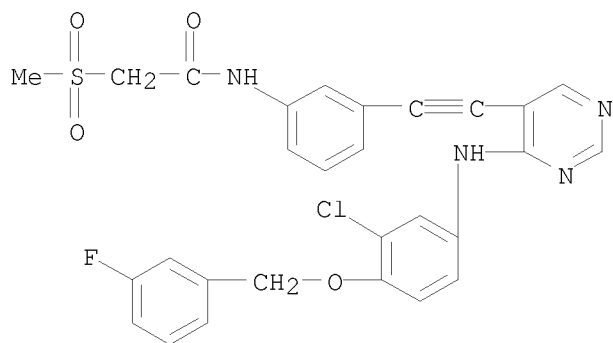
FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 768 TO 1712  
PROJECTED ANSWERS: 11 TO 389

L2 10 SEA SSS SAM L1

=> d scan

11/815,269

L2 10 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
IN Acetamide, N-[3-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-  
5-pyrimidinyl]ethynyl]phenyl]-2-(methylsulfonyl)-  
MF C28 H22 Cl F N4 O4 S

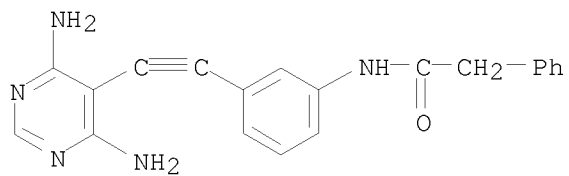


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):9

11/815,269

L2 10 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
IN Benzeneacetamide, N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-  
MF C20 H17 N5 O

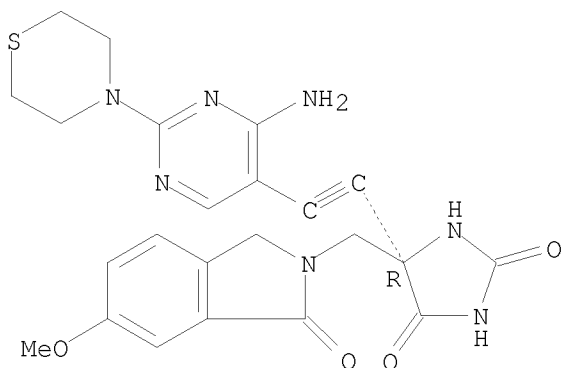


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

11/815,269

L2 10 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
IN 2,4-Imidazolidinedione, 5-[2-[4-amino-2-(4-thiomorpholinyl)-5-pyrimidinyl]ethynyl]-5-[(1,3-dihydro-6-methoxy-1-oxo-2H-isoindol-2-yl)methyl]-, (5R)-  
MF C23 H23 N7 O4 S

Absolute stereochemistry.



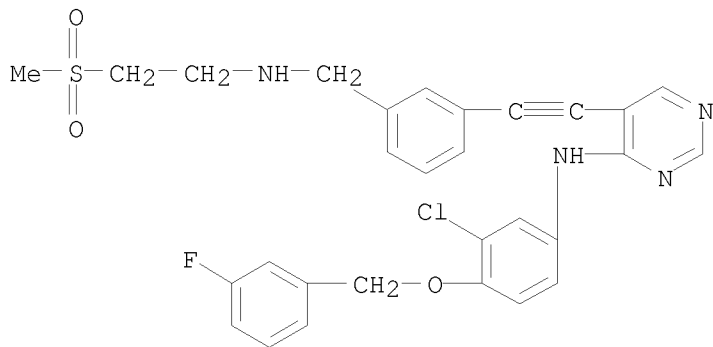
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

11/815,269

L2 10 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

IN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-[3-  
[[[2-(methylsulfonyl)ethyl]amino]methyl]phenyl]ethynyl]-

MF C29 H26 Cl F N4 O3 S



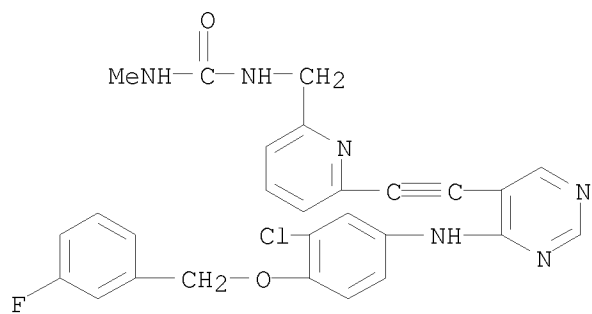
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

11/815,269

L2 10 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

IN Urea, N-[[6-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]-2-pyridinyl]methyl]-N'-methyl-

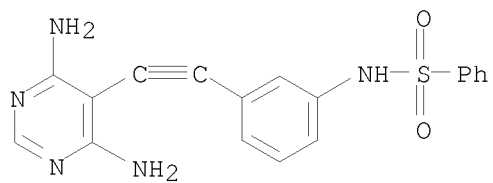
MF C27 H22 Cl F N6 O2



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

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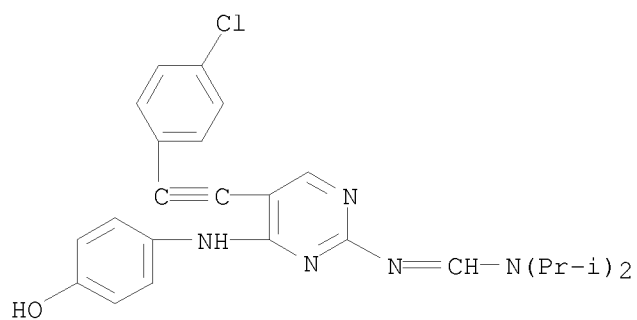
L2 10 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
IN Benzenesulfonamide, N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-  
MF C18 H15 N5 O2 S



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

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L2 10 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
IN Methanimidamide, N'-[5-[2-(4-chlorophenyl)ethynyl]-4-[(4-  
hydroxyphenyl)amino]-2-pyrimidinyl]-N,N-bis(1-methylethyl)-  
MF C25 H26 Cl N5 O



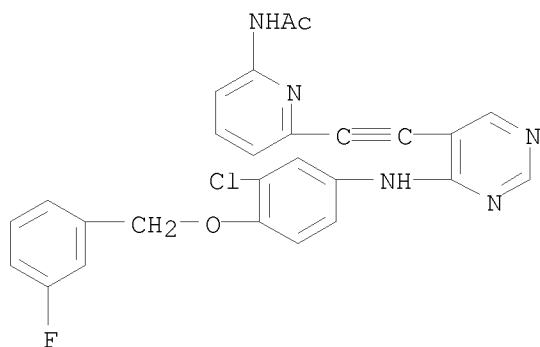
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

11/815,269

L2 10 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

IN Acetamide, N-[6-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]-2-pyridinyl]-

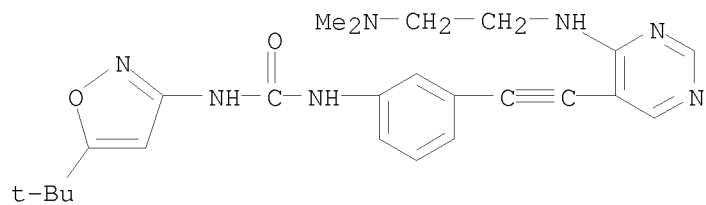
MF C26 H19 Cl F N5 O2



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

11/815,269

L2 10 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
IN Urea, N-[3-[2-[4-[[2-(dimethylamino)ethyl]amino]-5-  
pyrimidinyl]ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]-  
MF C24 H29 N7 O2

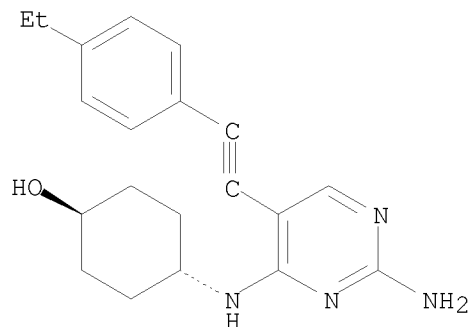


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

11/815,269

L2 10 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
IN Cyclohexanol, 4-[[2-amino-5-[2-(4-ethylphenyl)ethynyl]-4-  
pyrimidinyl]amino]-, trans-  
MF C20 H24 N4 O  
CI COM

Relative stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

ALL ANSWERS HAVE BEEN SCANNED

11/815,269

=> s l1 sss ful  
FULL SEARCH INITIATED 16:22:49 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 1462 TO ITERATE

100.0% PROCESSED 1462 ITERATIONS 305 ANSWERS  
SEARCH TIME: 00.00.01

L3 305 SEA SSS FUL L1

=> file caplus  
COST IN U.S. DOLLARS SINCE FILE TOTAL  
ENTRY SESSION  
FULL ESTIMATED COST 178.82 179.03

FILE 'CAPLUS' ENTERED AT 16:22:57 ON 24 SEP 2008  
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FILE COVERS 1907 - 24 Sep 2008 VOL 149 ISS 13  
FILE LAST UPDATED: 23 Sep 2008 (20080923/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> s l3  
L4 31 L3

=> d l4 1-31 bib hitstr

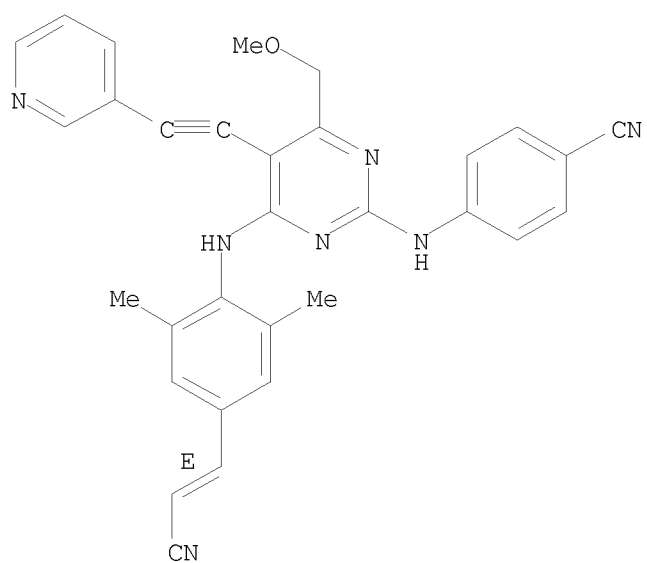
11/815,269

L4 ANSWER 1 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN  
AN 2008:829030 CAPLUS  
DN 149:153106  
TI Preparation of HIV inhibiting 5,6-substituted pyrimidines  
IN Guillemont, Jerome Emile Georges; Mordant, Celine Isabelle; Schmitt, Benoit Antoine  
PA Tibotec Pharmaceuticals Ltd., Ire.  
SO PCT Int. Appl., 51pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

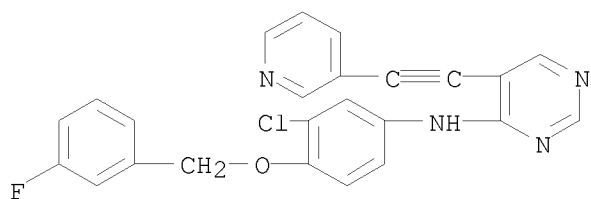
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	WO 2008080965	A2	20080710	WO 2007-EP64606	20071228
	WO 2008080965	A3	20080904		
	W:	AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
	RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA			
PRAI	EP 2006-127328	A	20061229		
OS	MARPAT 149:153106				
IT	1037452-93-9P				
	RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)				
	(preparation of HIV inhibiting 5,6-substituted pyrimidines)				
RN	1037452-93-9 CAPLUS				
CN	Benzonitrile, 4-[[4-[[4-[(1E)-2-cyanoethenyl]-2,6-dimethylphenyl]amino]-6-(methoxymethyl)-5-[2-(3-pyridinyl)ethynyl]-2-pyrimidinyl]amino]- (CA INDEX NAME)				

Double bond geometry as shown.

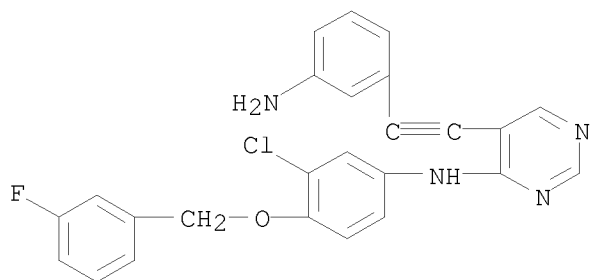
11/815,269



L4 ANSWER 2 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 2008:265796 CAPLUS  
 DN 149:118634  
 TI Construction of pharmacophore model of EGFR TK inhibitor  
 AU Chen, Xi; Liu, Xin-Xia; Huang, Hui; Hu, Hui-Hui; Jiang, Feng-Chao  
 CS School of Pharmacy, Tongji Medical College, Huazhong Science and  
 Technology University, Wuhan, 430030, Peop. Rep. China  
 SO Wuli Huaxue Xuebao (2008), 24(2), 281-288  
 CODEN: WHXUEU; ISSN: 1000-6818  
 PB Wuli Huaxue Xuebao Bianjibu  
 DT Journal  
 LA Chinese  
 IT 845657-23-0 845657-38-7 845657-48-9  
 845657-53-6 845657-57-0 845657-82-1  
 845658-03-9 845658-12-0 845658-25-5  
 887147-46-8 887147-49-1 887147-50-4  
 887147-51-5  
 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL  
 (Biological study); USES (Uses)  
 (construction of pharmacophore model of EGFR TK inhibitor)  
 RN 845657-23-0 CAPLUS  
 CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-(3-  
 pyridinyl)ethynyl]- (CA INDEX NAME)

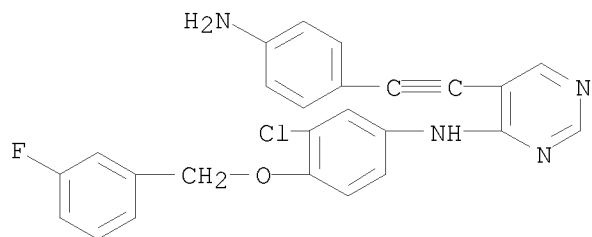


RN 845657-38-7 CAPLUS  
 CN 4-Pyrimidinamine, 5-[2-(3-aminophenyl)ethynyl]-N-[3-chloro-4-[(3-  
 fluorophenyl)methoxy]phenyl]- (CA INDEX NAME)



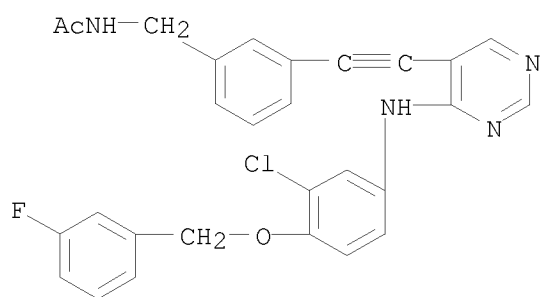
RN 845657-48-9 CAPLUS  
 CN 4-Pyrimidinamine, 5-[2-(4-aminophenyl)ethynyl]-N-[3-chloro-4-[(3-  
 fluorophenyl)methoxy]phenyl]- (CA INDEX NAME)

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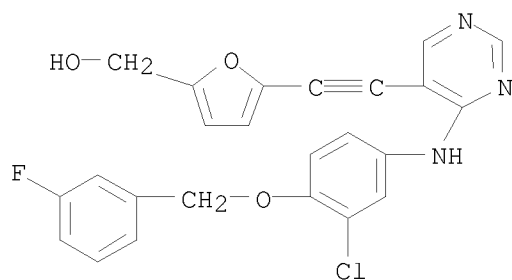
RN 845657-53-6 CAPLUS

CN Acetamide, N-[[3-[[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]phenyl]methyl]- (CA INDEX NAME)



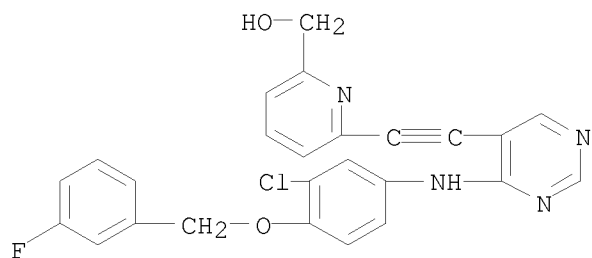
RN 845657-57-0 CAPLUS

CN 2-Furanmethanol, 5-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]- (CA INDEX NAME)



RN 845657-82-1 CAPLUS

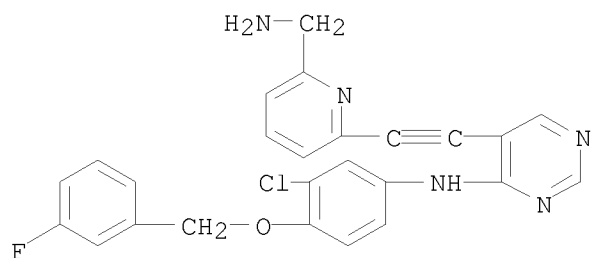
CN 2-Pyridinemethanol, 6-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]- (CA INDEX NAME)



11/815,269

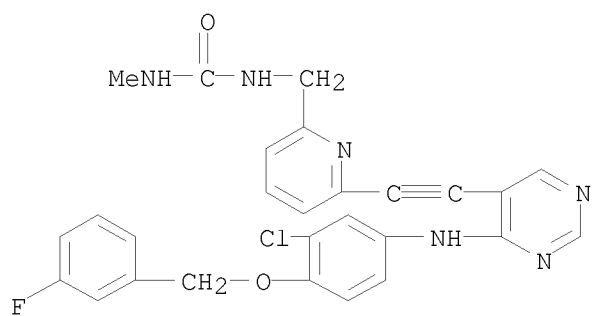
RN 845658-03-9 CAPLUS

CN 4-Pyrimidinamine, 5-[2-[6-(aminomethyl)-2-pyridinyl]ethynyl]-N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]- (CA INDEX NAME)



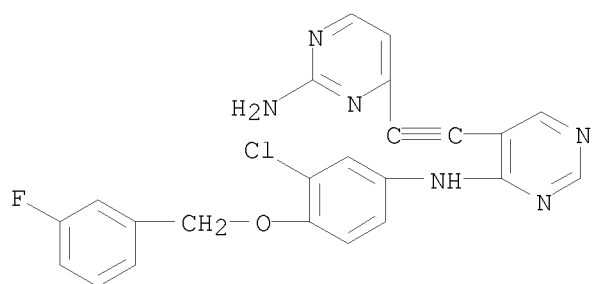
RN 845658-12-0 CAPLUS

CN Urea, N-[[6-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]-2-pyridinyl]methyl]-N'-methyl- (CA INDEX NAME)



RN 845658-25-5 CAPLUS

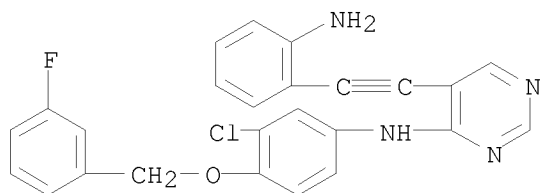
CN 4-Pyrimidinamine, 5-[2-(2-amino-4-pyrimidinyl)ethynyl]-N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]- (CA INDEX NAME)



RN 887147-46-8 CAPLUS

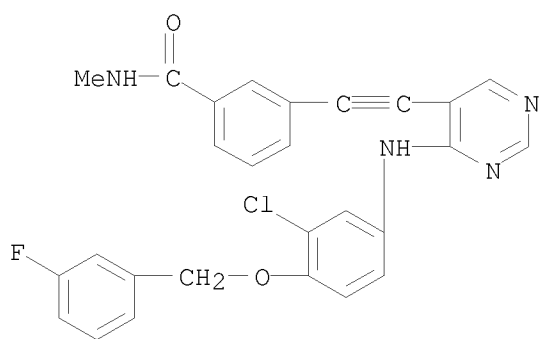
CN 4-Pyrimidinamine, 5-[2-(2-aminophenyl)ethynyl]-N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]- (CA INDEX NAME)

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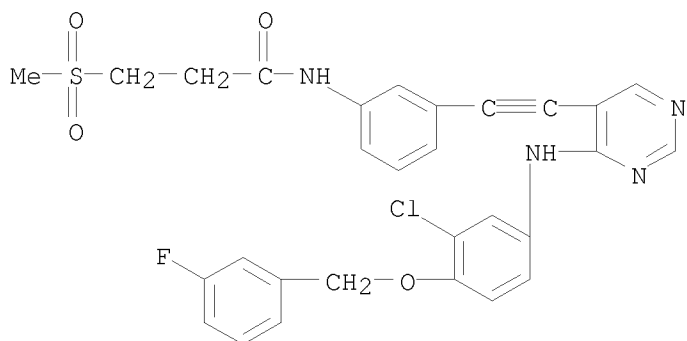
RN 887147-49-1 CAPLUS

CN Benzamide, 3-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]-N-methyl- (CA INDEX NAME)



RN 887147-50-4 CAPLUS

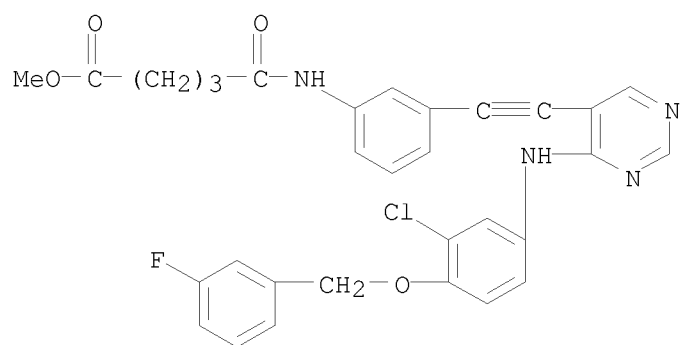
CN Propanamide, N-[3-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-3-(methylsulfonyl)- (CA INDEX NAME)



RN 887147-51-5 CAPLUS

CN Pentanoic acid, 5-[[3-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]phenyl]amino]-5-oxo-, methyl ester (CA INDEX NAME)

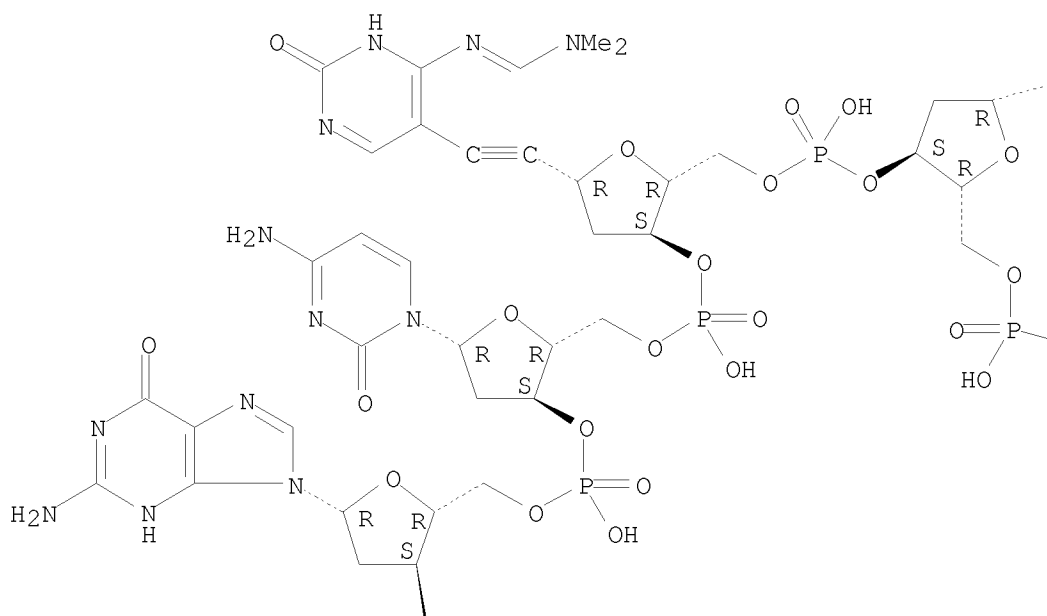
11/815,269

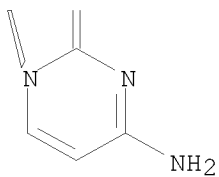
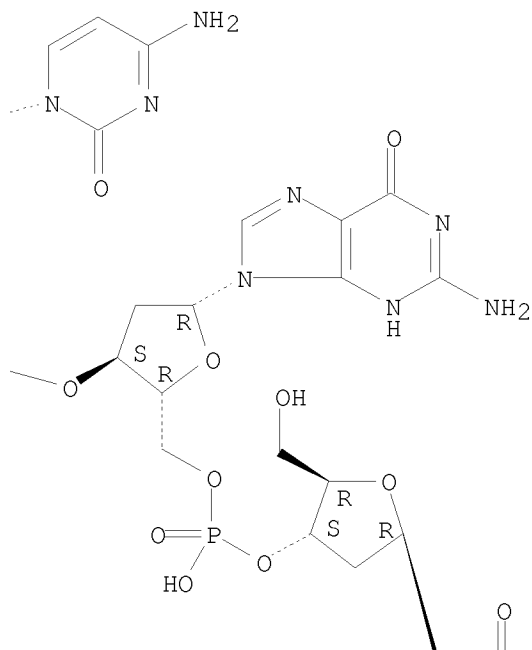


L4 ANSWER 3 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 2007:1293176 CAPLUS  
 DN 148:144965  
 TI Synthesis and DNA Incorporation of an Ethynyl-Bridged Cytosine  
 C-Nucleoside as Guanosine Surrogate  
 AU Heinrich, Daniel; Wagner, Thomas; Diederichsen, Ulf  
 CS Institut fuer Organische und Biomolekulare Chemie, Universitaet  
 Goettingen, Goettingen, D-37077, Germany  
 SO Organic Letters (2007), 9(25), 5311-5314  
 CODEN: ORLEF7; ISSN: 1523-7060  
 PB American Chemical Society  
 DT Journal  
 LA English  
 OS CASREACT 148:144965  
 IT 1000889-69-9D, partially self-complementary duplex  
 RL: FMU (Formation, unclassified); PRP (Properties); FORM (Formation,  
 nonpreparative)  
 (asym. synthesis of ethynyl-bridged cytosine C-nucleoside  
 phosphoramidite via Sonogashira cross coupling of iodocytosine with  
 ethynyl deoxyribose, as guanosine surrogate of DNA in the study of  
 duplex stability)  
 RN 1000889-69-9 CAPLUS  
 CN Guanosine, 2'-deoxycytidylyl-(3'→5')-2'-deoxyguanylyl-  
 (3'→5')-2'-deoxycytidylyl-(3'→5')-1'-de(6-amino-9H-purin-9-  
 yl)-2'-deoxy-1'-[2-[6-[(dimethylamino)methylene]amino]-1,2-dihydro-2-oxo-  
 5-pyrimidinyl]ethynyl]adenylyl-(3'→5')-2'-deoxycytidylyl-  
 (3'→5')-2'-deoxy- (CA INDEX NAME)

Absolute stereochemistry.  
 Double bond geometry unknown.

PAGE 1-A





RL: PRP (Properties); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (asym. synthesis of ethynyl-bridged cytosine C-nucleoside phosphoramidite via Sonogashira cross coupling of iodocytosine with ethynyl deoxyribose, as guanosine surrogate of DNA in the study of duplex stability)

IT 1000889-54-2P 1000889-62-2P 1000889-64-4P  
 1000889-66-6P 1000889-68-8P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (asym. synthesis of ethynyl-bridged cytosine C-nucleoside)

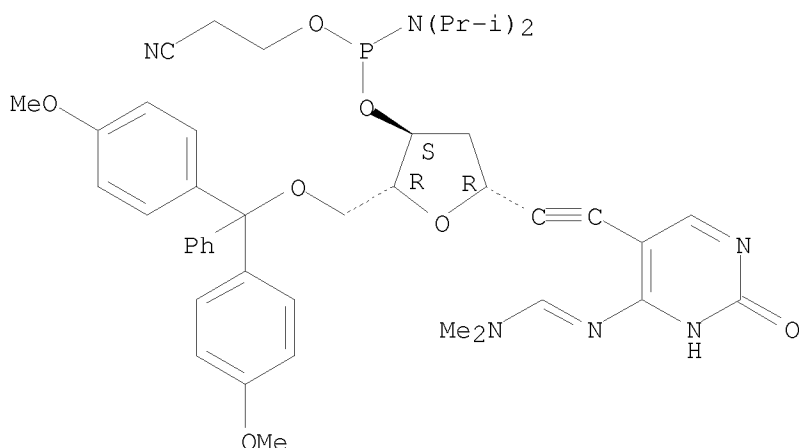
11/815,269

phosphoramidite via Sonogashira cross coupling of iodocytosine with ethynyl deoxyribose, as guanosine surrogate of DNA in the study of duplex stability)

RN 1000889-54-2 CAPLUS

CN D-ribo-Hept-1-ynitol, 3,6-anhydro-7-O-[bis(4-methoxyphenyl)phenylmethyl]-1,2,4-trideoxy-1-[6-[[ (dimethylamino)methylene] amino]-1,2-dihydro-2-oxo-5-pyrimidinyl]-, 3'-[2-cyanoethyl N,N-bis(1-methylethyl)phosphoramidite] (CA INDEX NAME)

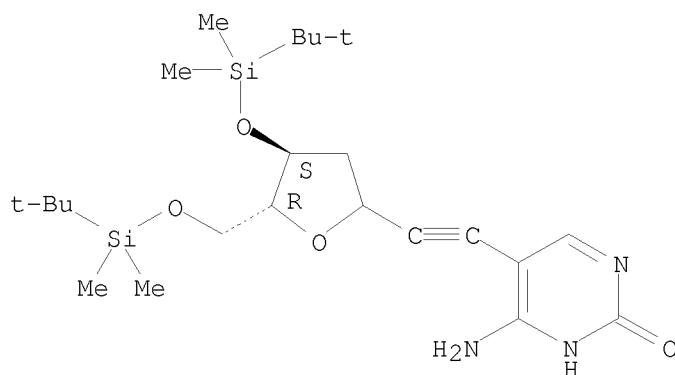
Absolute stereochemistry.  
Double bond geometry unknown.



RN 1000889-62-2 CAPLUS

CN D-erythro-Hept-1-ynitol, 1-(6-amino-1,2-dihydro-2-oxo-5-pyrimidinyl)-3,6-anhydro-1,2,4-trideoxy-5,7-bis-O-[(1,1-dimethylethyl)dimethylsilyl]-, (3ξ)- (CA INDEX NAME)

Absolute stereochemistry.

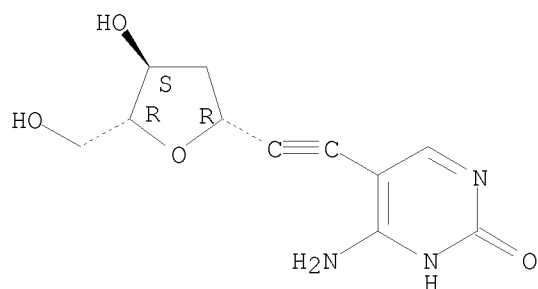


RN 1000889-64-4 CAPLUS

CN D-ribo-Hept-1-ynitol, 1-(6-amino-1,2-dihydro-2-oxo-5-pyrimidinyl)-3,6-anhydro-1,2,4-trideoxy- (CA INDEX NAME)

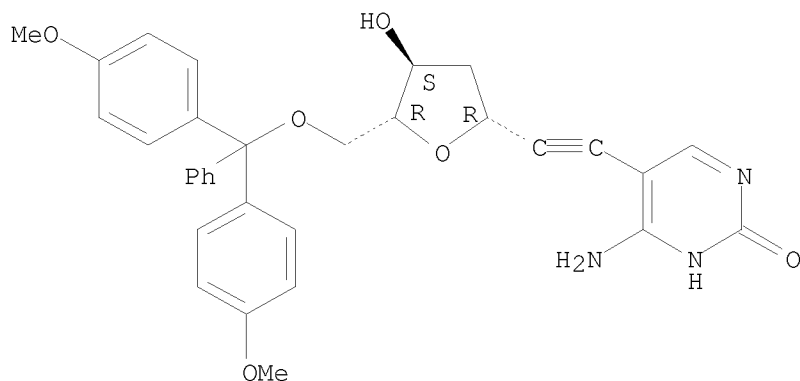
Absolute stereochemistry.

11/815,269



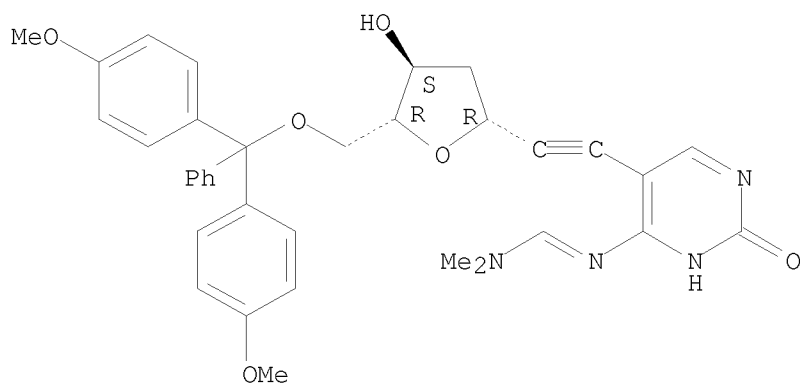
RN 1000889-66-6 CAPLUS  
CN D-ribo-Hept-1-ynitol, 1-(6-amino-1,2-dihydro-2-oxo-5-pyrimidinyl)-3,6-anhydro-7-O-[bis(4-methoxyphenyl)phenylmethyl]-1,2,4-trideoxy- (CA INDEX NAME)

Absolute stereochemistry.



RN 1000889-68-8 CAPLUS  
CN D-ribo-Hept-1-ynitol, 3,6-anhydro-7-O-[bis(4-methoxyphenyl)phenylmethyl]-1,2,4-trideoxy-1-[6-[[ (dimethylamino)methylene] amino]-1,2-dihydro-2-oxo-5-pyrimidinyl]- (CA INDEX NAME)

Absolute stereochemistry.  
Double bond geometry unknown.



RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT



L4 ANSWER 4 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2007:814060 CAPLUS

DN 147:211876

TI Hydantoin derivatives for the treatment of inflammatory disorders and their preparation

IN Lavey, Brian J.; Kozlowski, Joseph A.; Zhou, Guowei; Tong, Ling; Yu, Wensheng; Wong, Michael K. C.; Shankar, Bandarpalle B.; Shih, Neng-Yang; Siddiqui, M. Arshad; Rosner, Kristin E.; Dai, Chaoyang; Popovici-Muller, Janeta; Girijavallabhan, Vinay M.; Li, Dansu; Rizvi, Razia; Chen, Lei; Yang, De-Yi; Feltz, Robert; Kim, Seong-Heon

PA Schering Corporation, USA

SO PCT Int. Appl., 294pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2007084451	A1	20070726	WO 2007-US1025	20070116
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	AU 2007207707	A1	20070726	AU 2007-207707	20070116
	US 20070197564	A1	20070823	US 2007-653511	20070116
	US 20070265299	A1	20071115	US 2007-653798	20070116
PRAI	US 2006-759300P	P	20060117		
	WO 2007-US1025	W	20070116		

OS MARPAT 147:211876

IT 944717-89-9P 944717-95-7P 944718-00-7P  
944718-01-8P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

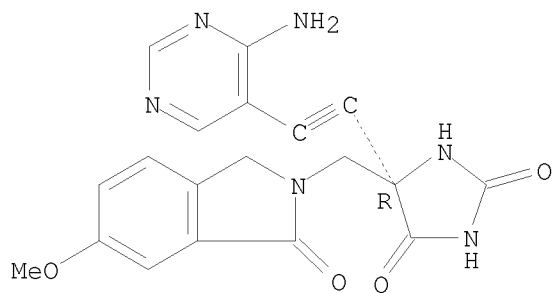
(preparation of hydantoin derivs. for treatment of inflammatory disorders and other diseases)

RN 944717-89-9 CAPLUS

CN 2,4-Imidazolidinedione, 5-[2-(4-amino-5-pyrimidinyl)ethynyl]-5-[(1,3-dihydro-6-methoxy-1-oxo-2H-isoindol-2-yl)methyl]-, (5R)- (CA INDEX NAME)

Absolute stereochemistry.

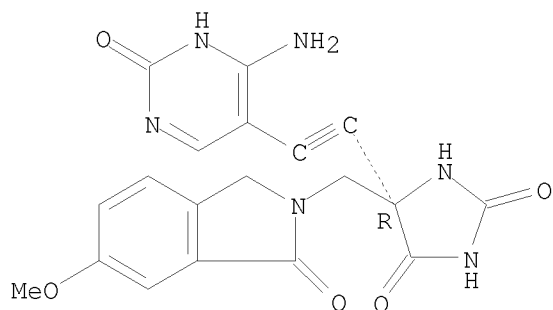
11/815,269



RN 944717-95-7 CAPLUS

CN 2,4-Imidazolidinedione, 5-[2-(4-amino-2,3-dihydro-2-oxo-5-pyrimidinyl)ethynyl]-5-[(1,3-dihydro-6-methoxy-1-oxo-2H-isoindol-2-yl)methyl]-, (5R)- (CA INDEX NAME)

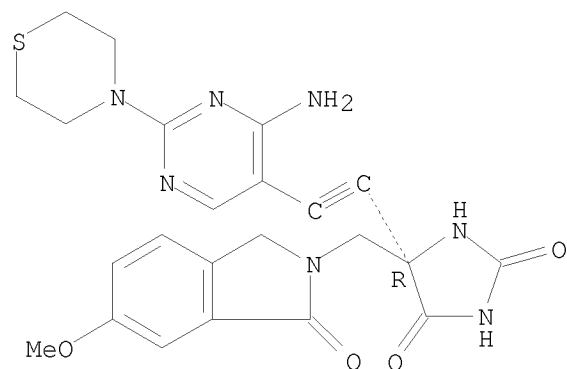
Absolute stereochemistry.



RN 944718-00-7 CAPLUS

CN 2,4-Imidazolidinedione, 5-[2-[4-amino-2-(4-thiomorpholinyl)-5-pyrimidinyl]ethynyl]-5-[(1,3-dihydro-6-methoxy-1-oxo-2H-isoindol-2-yl)methyl]-, (5R)- (CA INDEX NAME)

Absolute stereochemistry.

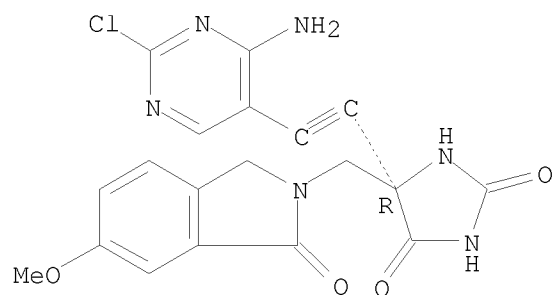


RN 944718-01-8 CAPLUS

CN 2,4-Imidazolidinedione, 5-[2-(4-amino-2-chloro-5-pyrimidinyl)ethynyl]-5-[(1,3-dihydro-6-methoxy-1-oxo-2H-isoindol-2-yl)methyl]-, (5R)- (CA INDEX NAME)

11/815,269

Absolute stereochemistry.

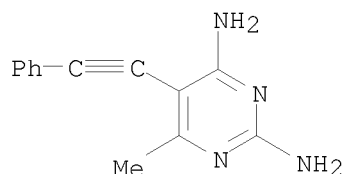


RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

11/815,269

L4 ANSWER 5 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN  
AN 2007:647193 CAPLUS  
DN 147:64552  
TI Heterocyclic compound superoxide dismutase inhibitors for modulation of  
neurodegenerative diseases  
IN Benjamin, Daniel E.; Henrie, Robert N.; Errico, Monica A.; Rex, Brian T.;  
Bracken, Justin D.; Scott, Sean  
PA Alsgen, Inc., USA  
SO U.S. Pat. Appl. Publ., 27pp., Cont.-in-part of U.S. Ser. No. 365,462.  
CODEN: USXXCO  
DT Patent  
LA English  
FAN.CNT 2

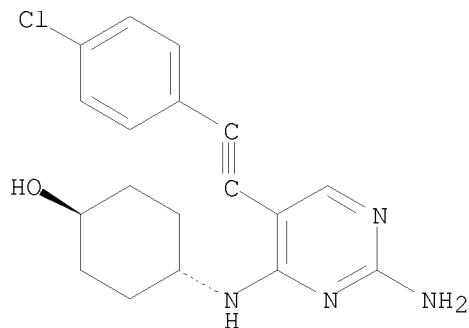
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 20070135437	A1	20070614	US 2006-605170	20061128
	US 20060211645	A1	20060921	US 2006-365462	20060301
	WO 2008067389	A2	20080605	WO 2007-US85776	20071128
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
PRAI	US 2005-658505P	P	20050304		
	US 2006-365462	A2	20060301		
	US 2006-605170	A	20061128		
OS	MARPAT 147:64552				
IT	223672-43-3				
	RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (Heterocyclic compound superoxide dismutase inhibitors for modulation of neurodegenerative diseases)				
RN	223672-43-3 CAPLUS				
CN	2,4-Pyrimidinediamine, 6-methyl-5-(2-phenylethynyl)- (CA INDEX NAME)				



11/815,269

L4 ANSWER 6 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN  
AN 2007:386122 CAPLUS  
DN 148:93054  
TI Wide spectrum modulation by KP-544 in models relevant for neuronal survival  
AU Geist, Marie A.; Volbracht, Christiane; Podhorna, Jana; Falsig, Jeppe; Leist, Marcel  
CS Department of Disease Biology, H. Lundbeck A/S, Valby, Den.  
SO NeuroReport (2007), 18(6), 571-575  
CODEN: NERPEZ; ISSN: 0959-4965  
PB Lippincott Williams & Wilkins  
DT Journal  
LA English  
IT 393856-87-6, KP-544  
RL: DMA (Drug mechanism of action); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(wide spectrum modulation by KP-544 in models relevant for neuronal survival)  
RN 393856-87-6 CAPLUS  
CN Cyclohexanol, 4-[[2-amino-5-[2-(4-chlorophenyl)ethynyl]-4-pyrimidinyl]amino]-, trans- (CA INDEX NAME)

Relative stereochemistry.



RE.CNT 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

11/815,269

L4 ANSWER 7 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2007:259817 CAPLUS

DN 146:316930

TI Preparation of substituted heteroaryl nitriles as cysteine protease inhibitors for treatment of malaria

IN Coteron Lopez, Jose Miguel; Fernandez Velando, Esther Pilar; Fiandor Roman, Jose Maria

PA Glaxo Group Limited, UK

SO PCT Int. Appl., 170pp.

CODEN: PIXXD2

DT Patent

LA English

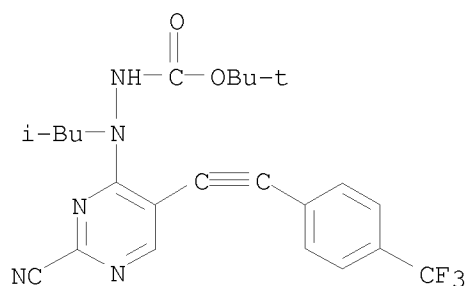
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2007025776	A2	20070308	WO 2006-EP8580	20060831
	WO 2007025776	A3	20070503		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
	RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA			
PRAI	EP 2005-381043	A	20050902		
	EP 2006-110666	A	20060303		
OS	MARPAT 146:316930				
IT	929015-50-9P				
	RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)				
	(drug candidate; preparation of substituted heteroaryl nitriles as cysteine protease inhibitors for treatment of malaria)				
RN	929015-50-9 CAPLUS				
CN	Hydrazinecarboxylic acid, 2-[2-cyano-5-[2-[4-(trifluoromethyl)phenyl]ethynyl]-4-pyrimidinyl]-2-(2-methylpropyl)-, 1,1-dimethylethyl ester 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)				

CM 1

CRN 929015-49-6

CMF C23 H24 F3 N5 O2

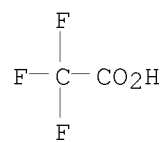


11/815,269

CM 2

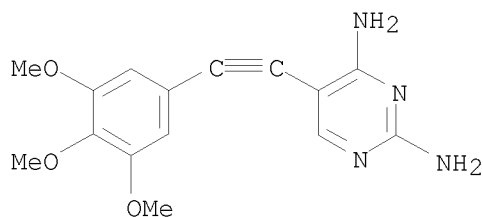
CRN 76-05-1

CMF C2 H F3 O2



11/815,269

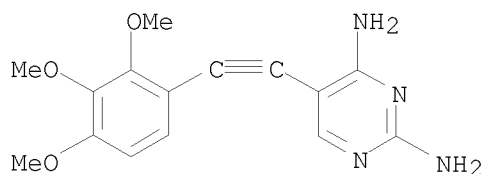
L4 ANSWER 8 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN  
AN 2007:131529 CAPLUS  
DN 146:379920  
TI Highly efficient ligands for dihydrofolate reductase from cryptosporidium  
hominis and toxoplasma gondii inspired by structural analysis  
AU Pelphrey, Phillip M.; Popov, Veljko M.; Joska, Tammy M.; Beierlein,  
Jennifer M.; Bolstad, Erin S. D.; Fillingham, Yale A.; Wright, Dennis L.;  
Anderson, Amy C.  
CS Department of Chemistry, Dartmouth College, Hanover, NH, 03755, USA  
SO Journal of Medicinal Chemistry (2007), 50(5), 940-950  
CODEN: JMCMAR; ISSN: 0022-2623  
PB American Chemical Society  
DT Journal  
LA English  
OS CASREACT 146:379920  
IT 928618-11-5P  
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic  
preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant  
or reagent)  
(preparation and dihydrofolate reductase inhibitory activity of  
(arylethynyl)pyrimidines and (arylpropargyl)pyrimidines using  
Sonogashira cross-coupling of iodopyrimidines with arylalkynes as key  
step)  
RN 928618-11-5 CAPLUS  
CN 2,4-Pyrimidinediamine, 5-[2-(3,4,5-trimethoxyphenyl)ethynyl]- (CA INDEX  
NAME)



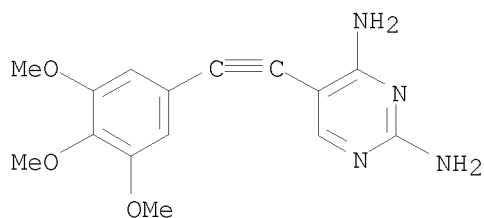
RE.CNT 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

11/815,269

L4 ANSWER 9 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN  
AN 2007:66001 CAPLUS  
DN 146:308393  
TI Towards in silico lead optimization: scores from ensembles of  
protein/ligand conformations reliably correlate with biological activity  
AU Popov, Veljko M.; Yee, W. Atom; Anderson, Amy C.  
CS Department of Chemistry, Dartmouth College, Hanover, NH, 03755, USA  
SO Proteins: Structure, Function, and Bioinformatics (2007), 66(2), 375-387  
CODEN: PSFBAF  
PB Wiley-Liss, Inc.  
DT Journal  
LA English  
IT 928618-10-4 928618-11-5  
RL: PAC (Pharmacological activity); PRP (Properties); THU (Therapeutic  
use); BIOL (Biological study); USES (Uses)  
(scores from ensembles of protein/ligand conformations reliably  
correlate with biol. activity)  
RN 928618-10-4 CAPLUS  
CN 2,4-Pyrimidinediamine, 5-[2-(2,3,4-trimethoxyphenyl)ethynyl]- (CA INDEX  
NAME)



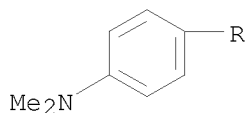
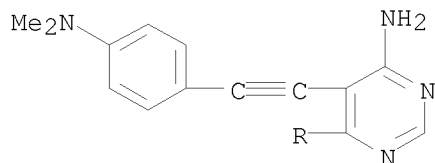
RN 928618-11-5 CAPLUS  
CN 2,4-Pyrimidinediamine, 5-[2-(3,4,5-trimethoxyphenyl)ethynyl]- (CA INDEX  
NAME)



RE.CNT 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

11/815,269

L4 ANSWER 10 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN  
AN 2007:60301 CAPLUS  
DN 146:243246  
TI 4-Amino-5-aryl-6-arylethynylpyrimidines: Structure-activity relationships  
of non-nucleoside adenosine kinase inhibitors  
AU Matulenko, Mark A.; Paight, Ernest S.; Frey, Robin R.; Gomtsyan, Arthur;  
DiDomenico, Stanley; Jiang, Meiqun; Lee, Chih-Hung; Stewart, Andrew O.;  
Yu, Haixia; Kohlhaas, Kathy L.; Alexander, Karen M.; McGaraughty, Steve;  
Mikusa, Joseph; Marsh, Kennan C.; Muchmore, Steven W.; Jakob, Clarissa L.;  
Kowaluk, Elizabeth A.; Jarvis, Michael F.; Bhagwat, Shripad S.  
CS Global Pharmaceutical Research, Neuroscience Research, Abbott  
Laboratories, Abbott Park, IL, 60064, USA  
SO Bioorganic & Medicinal Chemistry (2007), 15(4), 1586-1605  
CODEN: BMECEP; ISSN: 0968-0896  
PB Elsevier Ltd.  
DT Journal  
LA English  
OS CASREACT 146:243246  
IT 926009-58-7P  
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU  
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES  
(Uses)  
(structure-activity relationships of non-nucleoside adenosine kinase  
inhibitors of aminoarylarylethynylpyrimidines)  
RN 926009-58-7 CAPLUS  
CN 4-Pyrimidinamine, 6-[4-(dimethylamino)phenyl]-5-[2-[4-  
(dimethylamino)phenyl]ethynyl]- (CA INDEX NAME)



RE.CNT 123 THERE ARE 123 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 11 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2007:33316 CAPLUS

DN 146:142672

TI Preparation of 2,4-diaminopyrimidines as aurora-b kinase inhibitors for the treatment of abnormal cell proliferation

IN Zahn, Stephan Karl; Boehmelt, Guido; Mantoulidis, Andreas; Reiser, Ulrich; Treu, Matthias; Guertler, Ulrich; Schoop, Andreas; Solca, Flavio; Tontsch-Grunt, Ulrike; Brueckner, Ralph; Reither, Charlotte; Herfurth, Lars; Kraemer, Oliver; Stadtmueller, Heinz; Engelhardt, Harald

PA Boehringer Ingelheim International GmbH, Germany; Boehringer Ingelheim Pharma GmbH &amp; Co. KG

SO PCT Int. Appl., 109pp.

CODEN: PIXXD2

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2007003596	A1	20070111	WO 2006-EP63736	20060630
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	US 20070032514	A1	20070208	US 2006-475468	20060627
	AU 2006264958	A1	20070111	AU 2006-264958	20060630
	CA 2613664	A1	20070111	CA 2006-2613664	20060630
	EP 1902037	A1	20080326	EP 2006-763989	20060630
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR				
	NO 2007006059	A	20080130	NO 2007-6059	20071126
	IN 2007DN09112	A	20080104	IN 2007-DN9112	20071127
	MX 200715992	A	20080307	MX 2007-15992	20071214
	CN 101213179	A	20080702	CN 2006-80024086	20071229
	KR 2008031362	A	20080408	KR 2008-702717	20080131
PRAI	EP 2005-106007	A	20050701		
	WO 2006-EP63736	W	20060630		

OS MARPAT 146:142672

IT 919116-23-7P 919116-25-9P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

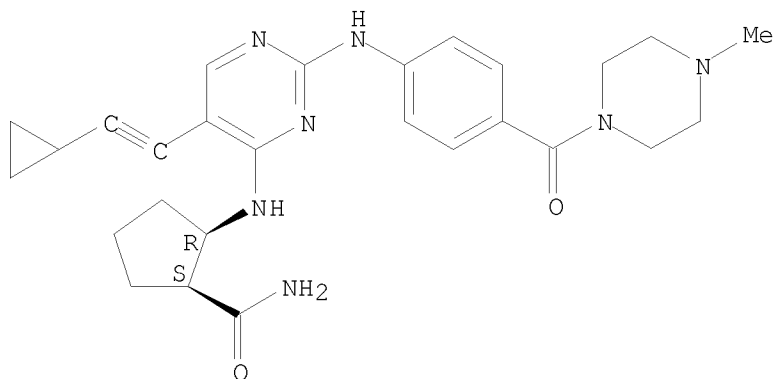
(preparation of diaminopyrimidines as aurora inhibitors for the treatment of abnormal cell proliferation)

RN 919116-23-7 CAPLUS

CN Cyclopentanecarboxamide, 2-[[5-(2-cyclopropylethynyl)-2-[[4-[(4-methyl-1-piperazinyl)carbonyl]phenyl]amino]-4-pyrimidinyl]amino]-, (1R,2S)-rel- (CA INDEX NAME)

Relative stereochemistry.

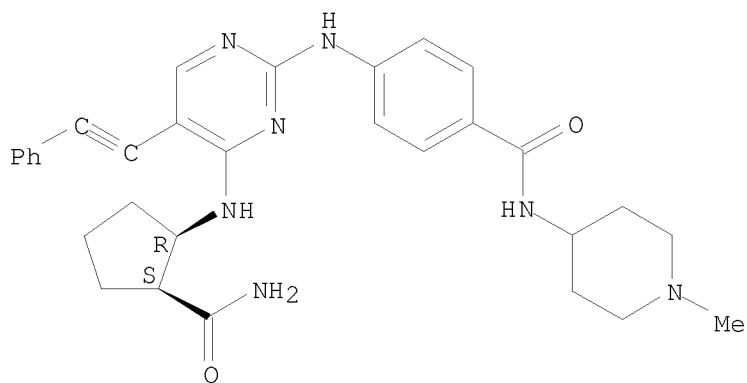
11/815,269



RN 919116-25-9 CAPLUS

CN Benzamide, 4-[[4-[[[(1R,2S)-2-(aminocarbonyl)cyclopentyl]amino]-5-(2-phenylethynyl)-2-pyrimidinyl]amino]-N-(1-methyl-4-piperidinyl)-, rel- (CA INDEX NAME)

Relative stereochemistry.



RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

11/815,269

L4 ANSWER 12 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN  
AN 2006:1356771 CAPLUS  
DN 146:100715  
TI Preparation of pyrimidine derivatives for the treatment of gaba b mediated nervous system disorders  
IN Floersheim, Philipp; Froestl, Wolfgang; Guery, Sebastien; Kaupmann, Klemens; Koller, Manuel  
PA Novartis AG, Switz.; Novartis Pharma GmbH  
SO PCT Int. Appl., 114pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2006136442	A1	20061228	WO 2006-EP6083	20060623
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	AU 2006261122	A1	20061228	AU 2006-261122	20060623
	CA 2610742	A1	20061228	CA 2006-2610742	20060623
	EP 1896428	A1	20080312	EP 2006-762168	20060623
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR				
	IN 2007DN09085	A	20080104	IN 2007-DN9085	20071126
	CN 101193868	A	20080604	CN 2006-80020794	20071211
	MX 200716395	A	20080307	MX 2007-16395	20071218
	KR 2008017382	A	20080226	KR 2007-729918	20071221
PRAI	GB 2005-12844	A	20050623		
	WO 2006-EP6083	W	20060623		

OS MARPAT 146:100715

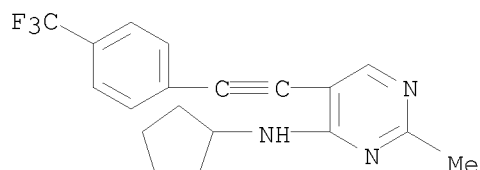
IT 917896-34-5P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of pyrimidine derivs. for the treatment of gaba b mediated nervous system disorders)

RN 917896-34-5 CAPLUS

CN 4-Pyrimidinamine, N-cyclopentyl-2-methyl-5-[2-[4-(trifluoromethyl)phenyl]ethynyl]- (CA INDEX NAME)



RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD

11/815,269

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 13 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 2006:1065980 CAPLUS  
 DN 145:419166  
 TI Preparation of pyrimidine derivatives as tyrosine kinase inhibitors  
 IN Shiota, Takeshi; Suzuki, Naoyuki; Murashi, Takami  
 PA Shionogi & Co., Ltd., Japan  
 SO PCT Int. Appl., 117pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA Japanese  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2006106721	A1	20061012	WO 2006-JP306445	20060329
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

PRAI JP 2005-97361 A 20050330

OS MARPAT 145:419166

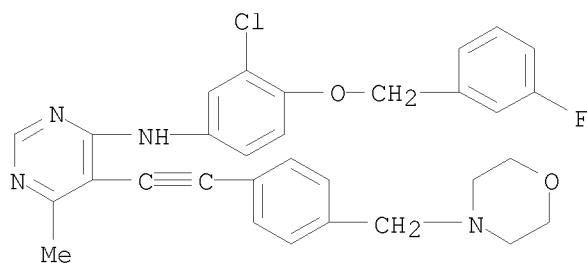
IT 912353-86-7P 912353-87-8P 912353-88-9P  
 912353-89-0P 912353-90-3P 912353-91-4P  
 912353-95-8P 912353-96-9P 912353-97-0P  
 912353-98-1P 912353-99-2P 912354-00-8P  
 912354-01-9P 912354-07-5P 912354-09-7P  
 912354-11-1P 912354-13-3P 912354-14-4P  
 912354-16-6P 912354-18-8P 912354-20-2P  
 912354-21-3P 912354-22-4P 912354-23-5P  
 912354-25-7P 912354-26-8P 912354-27-9P  
 912354-28-0P 912354-30-4P 912354-32-6P  
 912354-34-8P 912354-91-7P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of pyrimidine derivs. as tyrosine kinase inhibitors for treatment of cancer)

RN 912353-86-7 CAPLUS

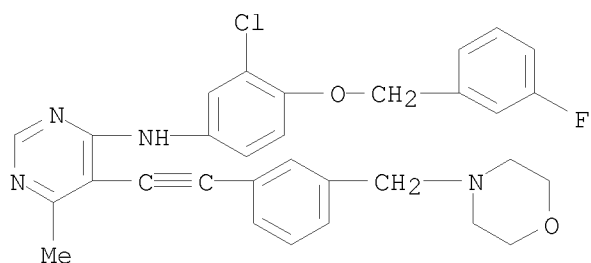
CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-6-methyl-5-[2-[4-(4-morpholinylmethyl)phenyl]ethynyl]- (CA INDEX NAME)



11/815,269

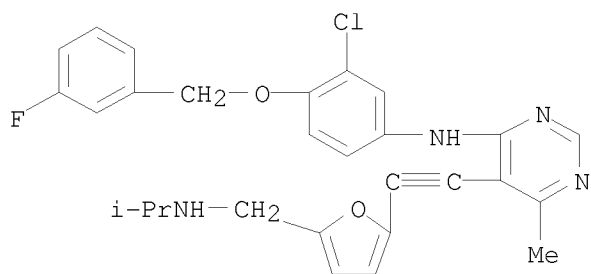
RN 912353-87-8 CAPLUS

CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-6-methyl-5-[2-[3-(4-morpholinylmethyl)phenyl]ethynyl]- (CA INDEX NAME)



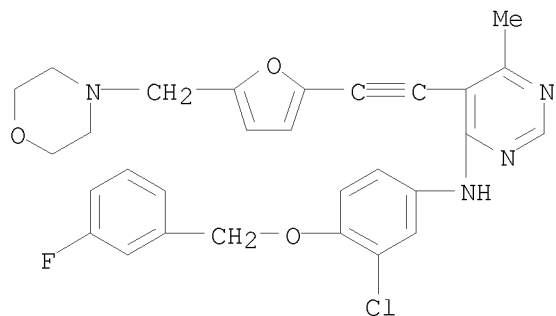
RN 912353-88-9 CAPLUS

CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-6-methyl-5-[2-[5-[[1-(methylethyl)amino]methyl]-2-furanyl]ethynyl]- (CA INDEX NAME)



RN 912353-89-0 CAPLUS

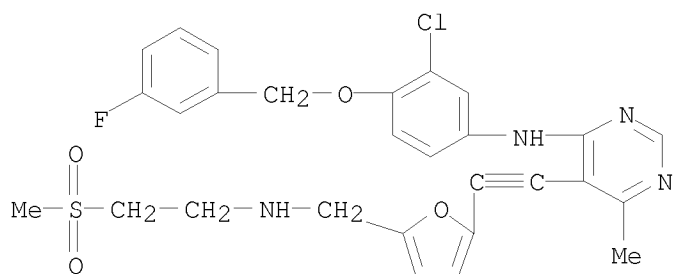
CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-6-methyl-5-[2-[5-(4-morpholinylmethyl)-2-furanyl]ethynyl]- (CA INDEX NAME)



RN 912353-90-3 CAPLUS

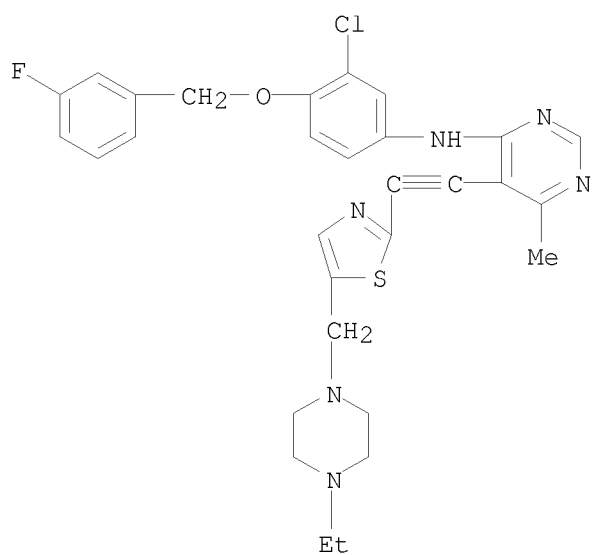
CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-6-methyl-5-[2-[5-[[[2-(methylsulfonyl)ethyl]amino]methyl]-2-furanyl]ethynyl]- (CA INDEX NAME)

11/815,269



RN 912353-91-4 CAPLUS

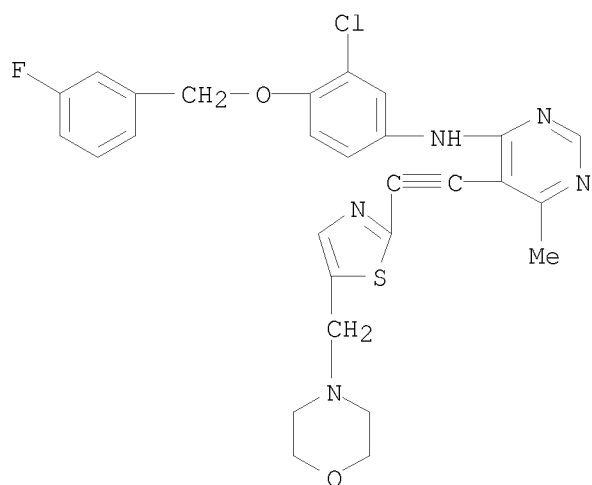
CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-[5-[(4-ethyl-1-piperazinyl)methyl]-2-thiazolyl]ethynyl]-6-methyl- (CA INDEX NAME)



RN 912353-95-8 CAPLUS

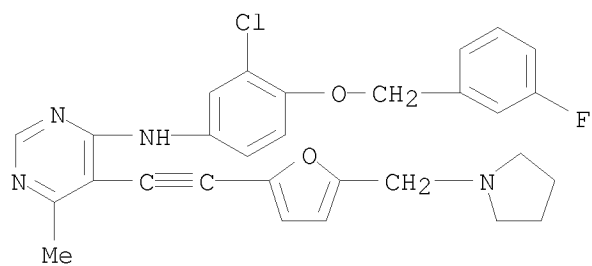
CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-6-methyl-5-[2-[5-(4-morpholinylmethyl)-2-thiazolyl]ethynyl]- (CA INDEX NAME)

11/815,269



RN 912353-96-9 CAPLUS

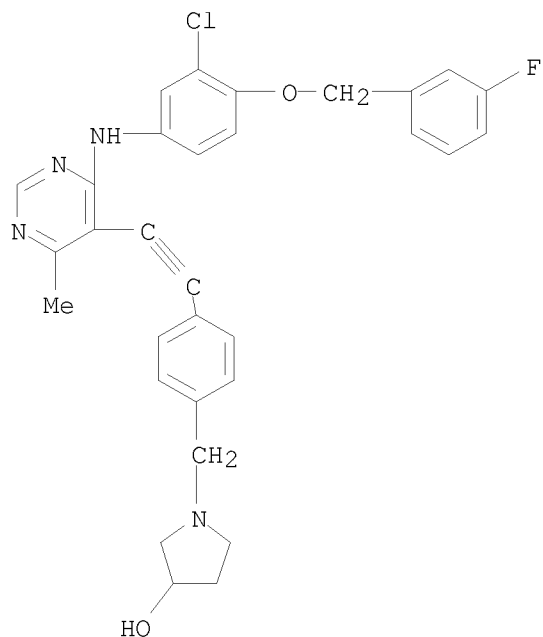
CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-6-methyl-5-[2-[5-(1-pyrrolidinylmethyl)-2-furanyl]ethynyl]- (CA INDEX NAME)



RN 912353-97-0 CAPLUS

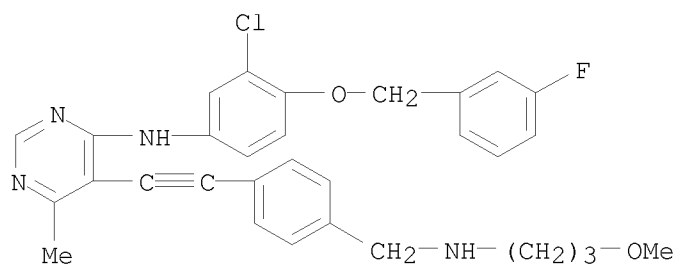
CN 3-Pyrrolidinol, 1-[[4-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-6-methyl-5-pyrimidinyl]ethynyl]phenyl]methyl]- (CA INDEX NAME)

11/815,269



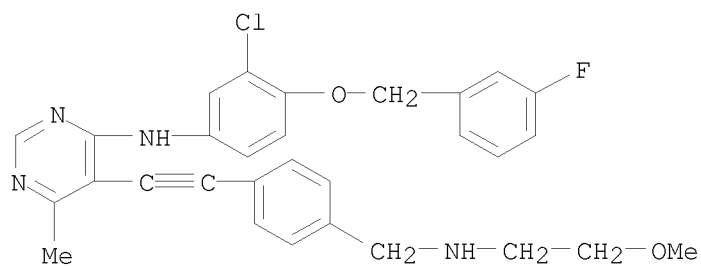
RN 912353-98-1 CAPLUS

CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-[4-[[ (3-methoxypropyl)amino]methyl]phenyl]ethynyl]-6-methyl- (CA INDEX NAME)



RN 912353-99-2 CAPLUS

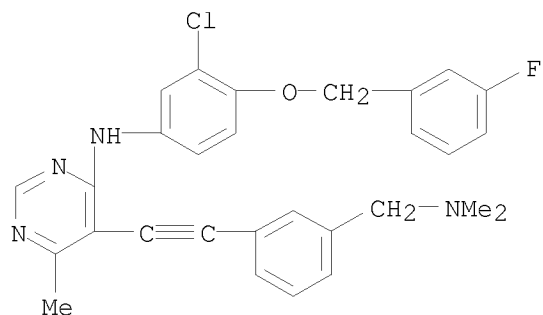
CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-[4-[[ (2-methoxyethyl)amino]methyl]phenyl]ethynyl]-6-methyl- (CA INDEX NAME)



RN 912354-00-8 CAPLUS

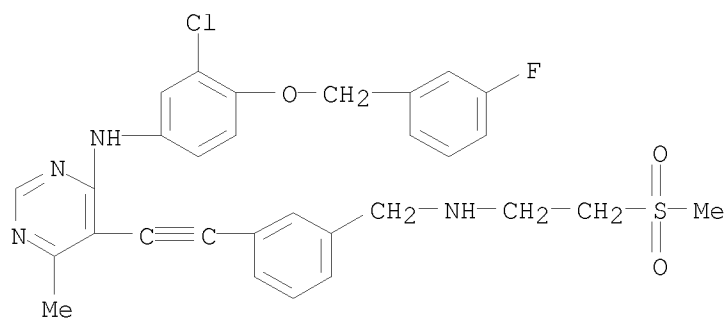
CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-[3-[(dimethylamino)methyl]phenyl]ethynyl]-6-methyl- (CA INDEX NAME)

11/815,269



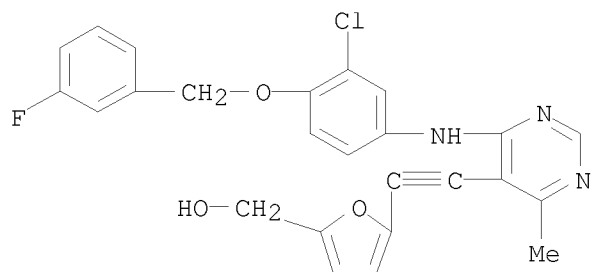
RN 912354-01-9 CAPLUS

CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-6-methyl-5-[2-[3-[[[2-(methylsulfonyl)ethyl]amino]methyl]phenyl]ethynyl]- (CA INDEX NAME)



RN 912354-07-5 CAPLUS

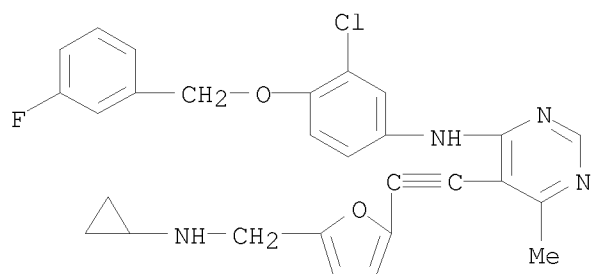
CN 2-Furanmethanol, 5-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]phenyl]ethynyl]-6-methyl- (CA INDEX NAME)



RN 912354-09-7 CAPLUS

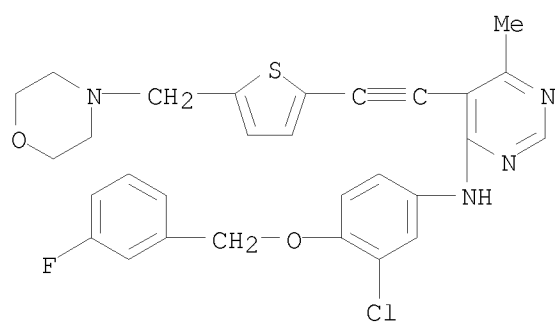
CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-[5-[(cyclopropylamino)methyl]-2-furanyl]ethynyl]-6-methyl- (CA INDEX NAME)

11/815,269



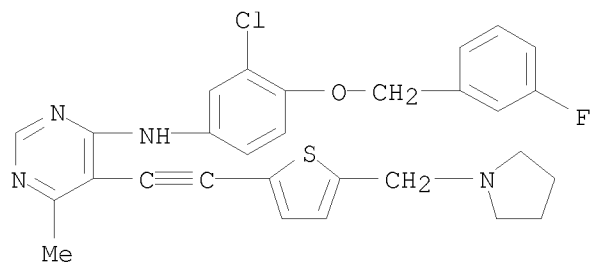
RN 912354-11-1 CAPLUS

CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-6-methyl-5-[2-[5-(4-morpholinylmethyl)-2-thienyl]ethynyl]- (CA INDEX NAME)



RN 912354-13-3 CAPLUS

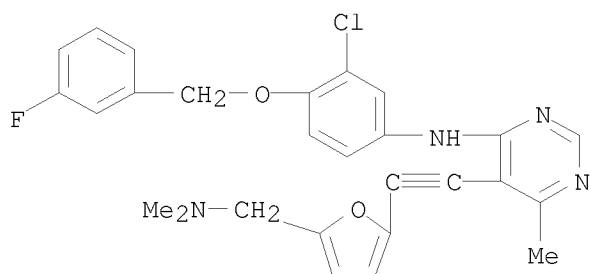
CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-6-methyl-5-[2-[5-(1-pyrrolidinylmethyl)-2-thienyl]ethynyl]- (CA INDEX NAME)



RN 912354-14-4 CAPLUS

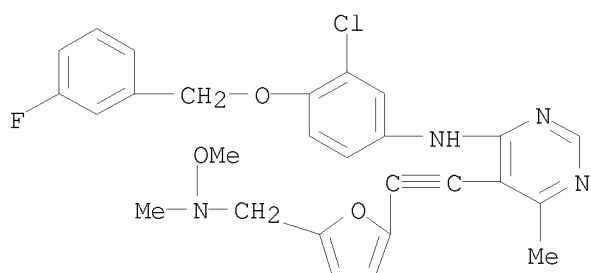
CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-[5-(dimethylamino)methyl]-2-furanyl]ethynyl]-6-methyl- (CA INDEX NAME)

11/815,269



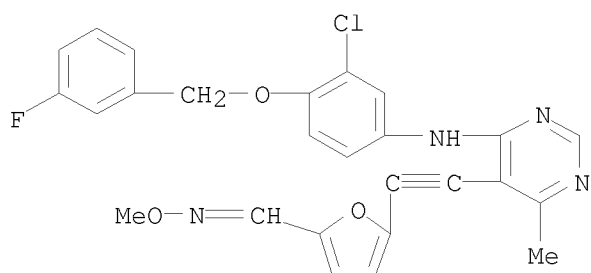
RN 912354-16-6 CAPLUS

CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-[5-[(methoxymethylamino)methyl]-2-furanyl]ethynyl]-6-methyl- (CA INDEX NAME)



RN 912354-18-8 CAPLUS

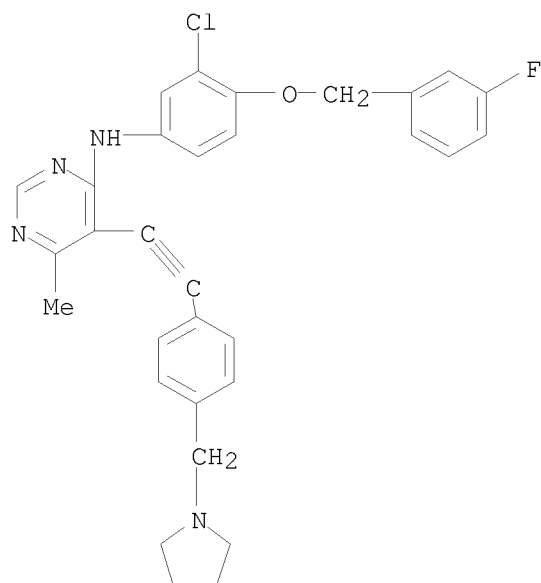
CN 2-Furancarboxaldehyde, 5-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-6-methyl-5-pyrimidinyl]ethynyl]-, O-methyloxime (CA INDEX NAME)



RN 912354-20-2 CAPLUS

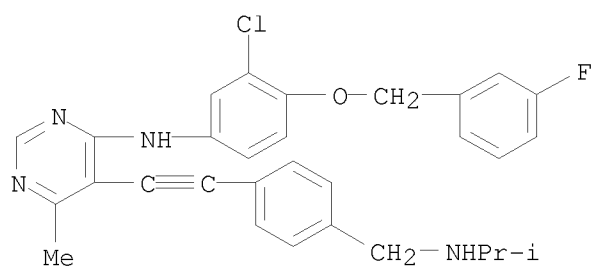
CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-6-methyl-5-[2-[4-(1-pyrrolidinylmethyl)phenyl]ethynyl]- (CA INDEX NAME)

11/815,269



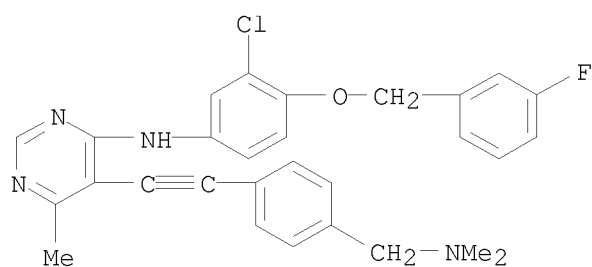
RN 912354-21-3 CAPLUS

CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-6-methyl-5-[2-[4-[(1-methylethyl)amino]methyl]phenyl]ethynyl- (CA INDEX NAME)



RN 912354-22-4 CAPLUS

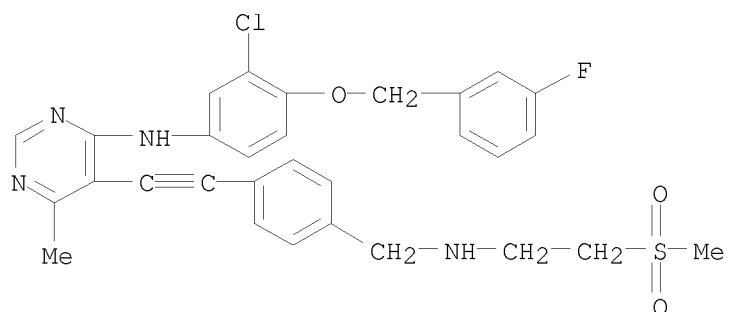
CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-[4-[(dimethylamino)methyl]phenyl]ethynyl]-6-methyl- (CA INDEX NAME)



RN 912354-23-5 CAPLUS

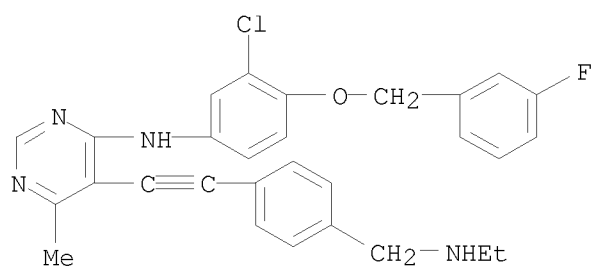
CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-6-methyl-5-[2-[4-[[2-(methylsulfonyl)ethyl]amino]methyl]phenyl]ethynyl- (CA INDEX NAME)

11/815,269



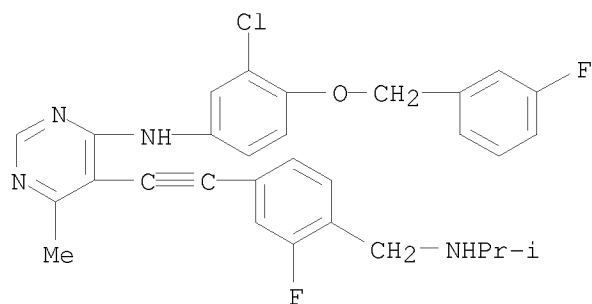
RN 912354-25-7 CAPLUS

CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-[4-[(ethylamino)methyl]phenyl]ethynyl]-6-methyl- (CA INDEX NAME)



RN 912354-26-8 CAPLUS

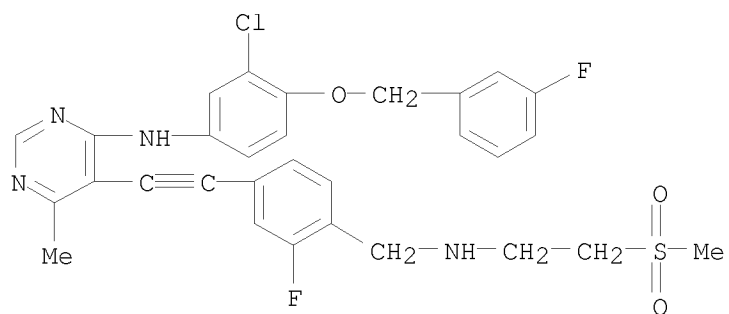
CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-[3-fluoro-4-[(1-methylethyl)amino]methyl]phenyl]ethynyl]-6-methyl- (CA INDEX NAME)



RN 912354-27-9 CAPLUS

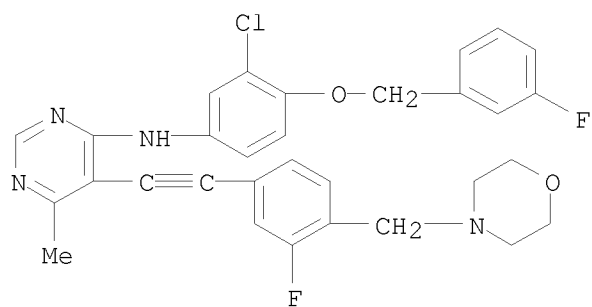
CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-[3-fluoro-4-[[2-(methylsulfonyl)ethyl]amino]methyl]phenyl]ethynyl]-6-methyl- (CA INDEX NAME)

11/815,269



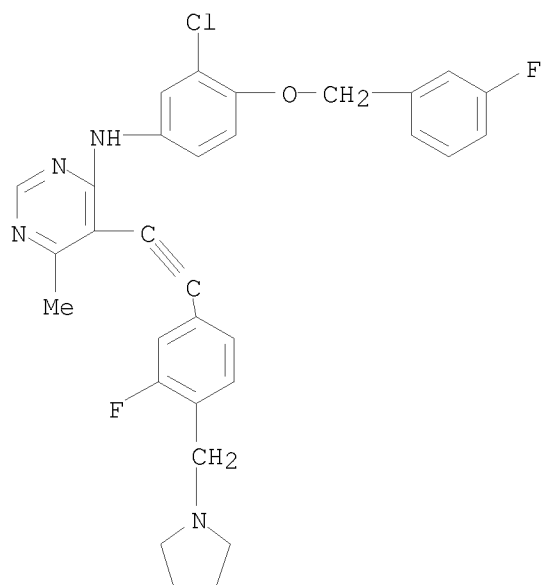
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CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-[3-fluoro-4-(4-morpholinylmethyl)phenyl]ethynyl]-6-methyl- (CA INDEX NAME)



RN 912354-30-4 CAPLUS

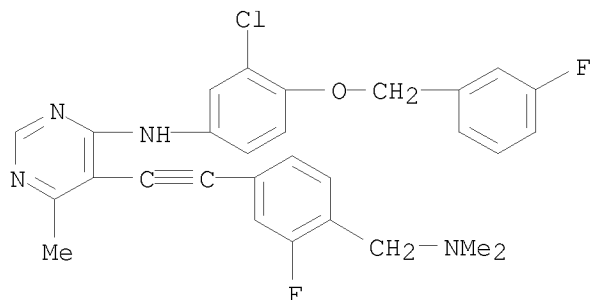
CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-[3-fluoro-4-(1-pyrrolidinylmethyl)phenyl]ethynyl]-6-methyl- (CA INDEX NAME)



RN 912354-32-6 CAPLUS

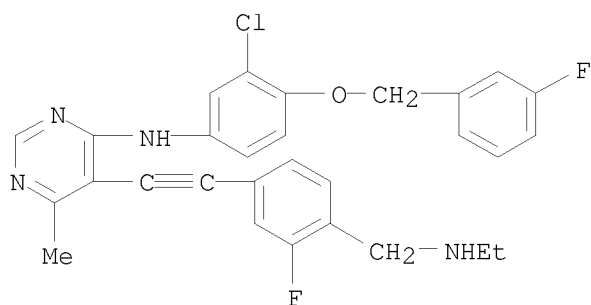
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CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-[4-[(dimethylamino)methyl]-3-fluorophenyl]ethynyl]-6-methyl- (CA INDEX NAME)



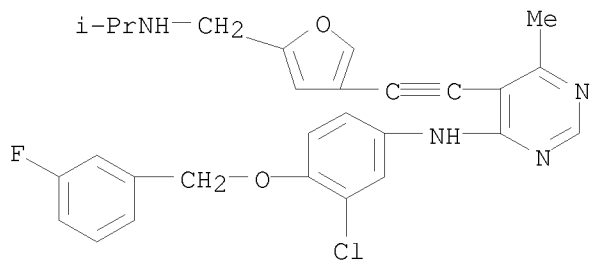
RN 912354-34-8 CAPLUS

CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-[4-[(ethylamino)methyl]-3-fluorophenyl]ethynyl]-6-methyl- (CA INDEX NAME)



RN 912354-91-7 CAPLUS

CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-6-methyl-5-[2-[5-[[1-methylethyl)amino]methyl]-3-furanyl]ethynyl]- (CA INDEX NAME)

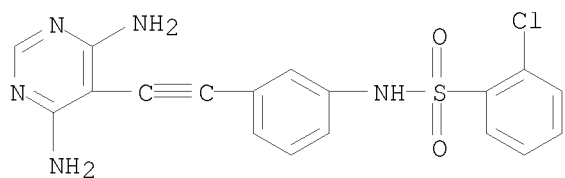


RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 14 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 2006:795559 CAPLUS  
 DN 145:211065  
 TI Preparation of pyrimidine derivatives and their use as Tie2 receptor  
 tyrosine kinase inhibitors  
 IN Jones, Clifford David; Luke, Richard William Arthur; Mccoull, William  
 PA Astrazeneca AB, Swed.; Astrazeneca Uk Limited  
 SO PCT Int. Appl., 106pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

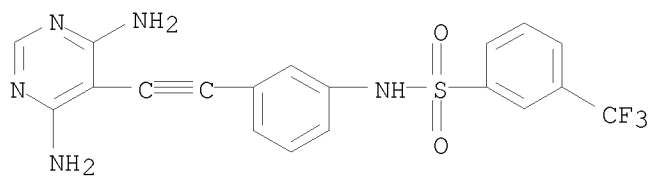
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	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	EP 1846399	A1	20071024	EP 2006-701130	20060127
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR				
	JP 2008528662	T	20080731	JP 2007-553682	20060127
	IN 2007DN05605	A	20070817	IN 2007-DN5605	20070719
	US 20080146599	A1	20080619	US 2007-815269	20070801
	CN 101151261	A	20080326	CN 2006-80010319	20070928
PRAI	GB 2005-1985	A	20050201		
	GB 2005-2543	A	20050208		
	GB 2005-12613	A	20050621		
	WO 2006-GB272	W	20060127		
OS	CASREACT 145:211065; MARPAT 145:211065				
IT	905277-19-2P 905277-20-5P 905277-21-6P 905277-22-7P 905277-23-8P 905277-24-9P 905277-25-0P 905277-26-1P 905277-28-3P 905277-29-4P 905277-30-7P 905277-31-8P 905277-32-9P				
	RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)				
	(preparation of pyrimidine derivs. and their use as Tie2 receptor tyrosine kinase inhibitors)				
RN	905277-19-2 CAPLUS				
CN	Benzenesulfonamide, 2-chloro-N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]- (CA INDEX NAME)				

11/815,269



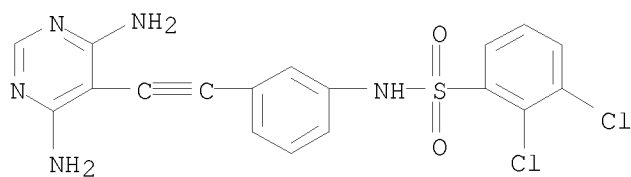
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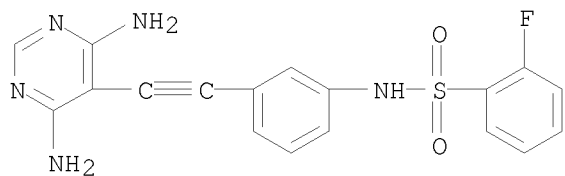
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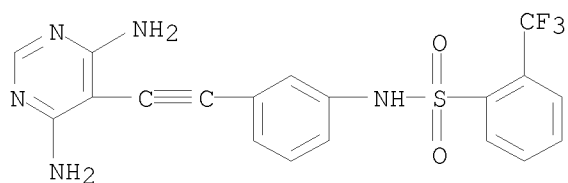
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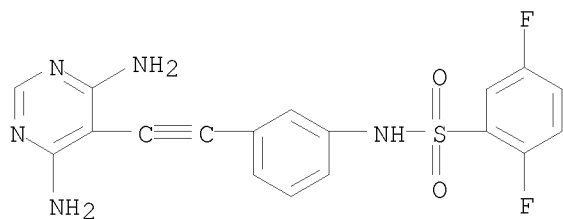
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11/815,269

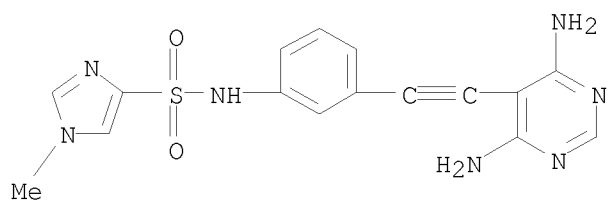
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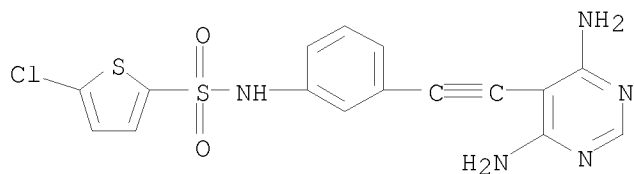
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CN 1H-Imidazole-4-sulfonamide, N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-1-methyl- (CA INDEX NAME)



RN 905277-26-1 CAPLUS

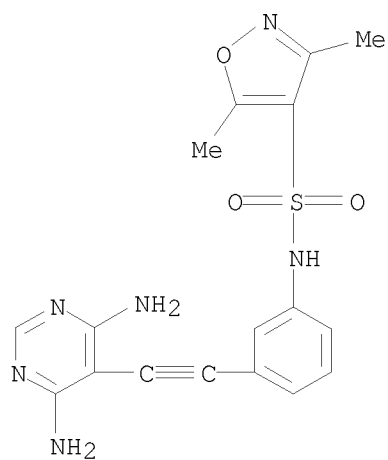
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RN 905277-28-3 CAPLUS

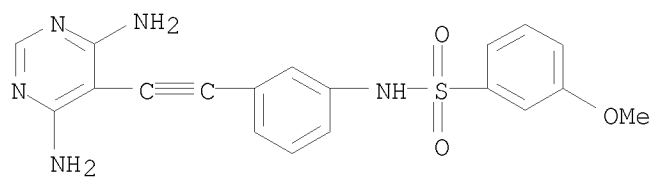
CN 4-Isoxazolesulfonamide, N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-3,5-dimethyl- (CA INDEX NAME)

11/815,269



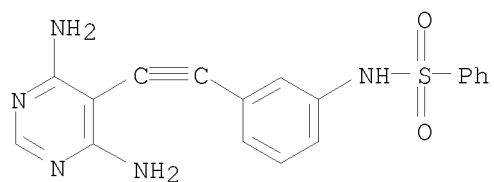
RN 905277-29-4 CAPLUS

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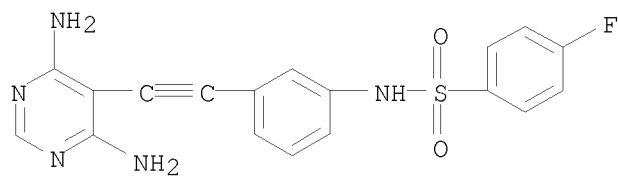
RN 905277-30-7 CAPLUS

CN Benzenesulfonamide, N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]- (CA INDEX NAME)



RN 905277-31-8 CAPLUS

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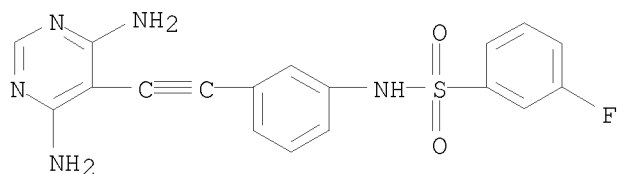


RN 905277-32-9 CAPLUS

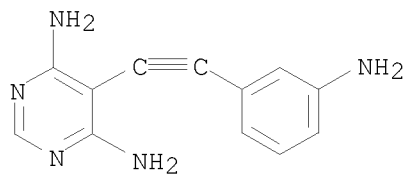
CN Benzenesulfonamide, N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-3-

11/815,269

fluoro- (CA INDEX NAME)



IT 857287-03-7P, 5-[(3-Aminophenyl)ethynyl]pyrimidine-4,6-diamine  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(preparation of pyrimidine derivs. and their use as Tie2 receptor tyrosine  
kinase inhibitors)  
RN 857287-03-7 CAPLUS  
CN 4,6-Pyrimidinediamine, 5-[2-(3-aminophenyl)ethynyl]- (CA INDEX NAME)



RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

11/815,269

L4 ANSWER 15 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2006:790854 CAPLUS

DN 145:230644

TI Preparation of pyrimidine derivatives and their use as Tie2 receptor tyrosine kinase inhibitors

IN Jones, Clifford David; Luke, Richard William Arthur; Mccoull, William

PA Astrazeneca AB, Swed.; Astrazeneca Uk Limited

SO PCT Int. Appl., 168pp.

CODEN: PIXXD2

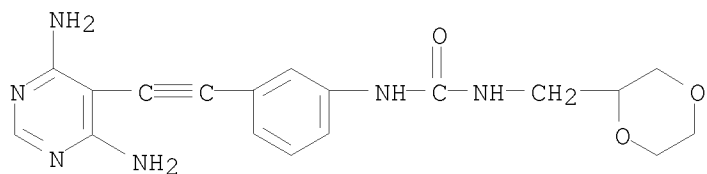
DT Patent

LA English

FAN.CNT 1

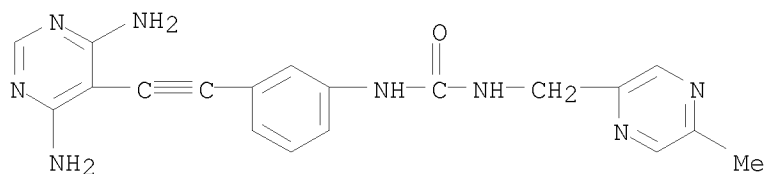
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	CN 101137652	A	20080305	CN 2006-80007855	20070911
PRAI	GB 2005-1984	A	20050201		
	GB 2005-2417	A	20050205		
	GB 2005-12614	A	20050621		
	WO 2006-GB284	W	20060127		
OS	MARPAT 145:230644				
IT	905439-67-0P 905439-70-5P 905439-72-7P 905439-73-8P 905439-74-9P 905439-75-0P 905439-76-1P 905439-77-2P 905439-79-4P 905439-82-9P 905439-84-1P 905439-85-2P 905439-86-3P 905439-87-4P 905439-89-6P 905439-92-1P 905439-94-3P 905439-97-6P 905439-98-7P 905440-01-9P 905440-03-1P 905440-05-3P 905440-07-5P 905440-09-7P 905440-12-2P 905440-15-5P 905440-17-7P 905440-20-2P 905440-23-5P				
	RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)				
	(preparation of pyrimidine derivs. and their use as Tie2 receptor tyrosine kinase inhibitors)				
RN	905439-67-0 CAPLUS				
CN	Urea, N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-N'-(1,4-dioxan-2-ylmethyl)- (CA INDEX NAME)				

11/815,269



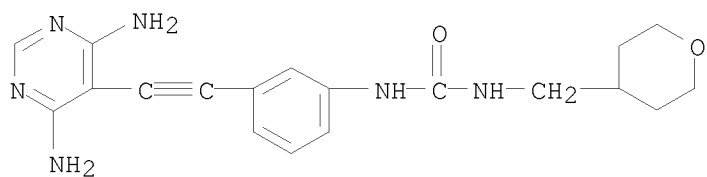
RN 905439-70-5 CAPLUS

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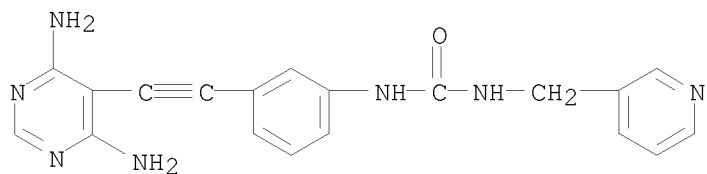
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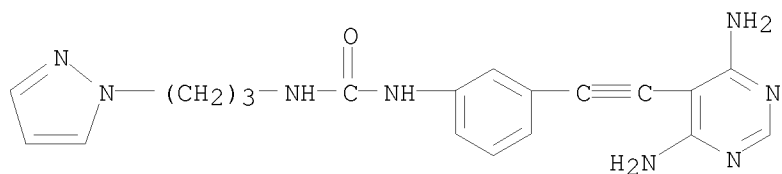
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RN 905439-74-9 CAPLUS

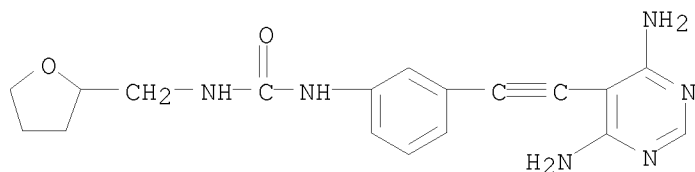
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11/815,269

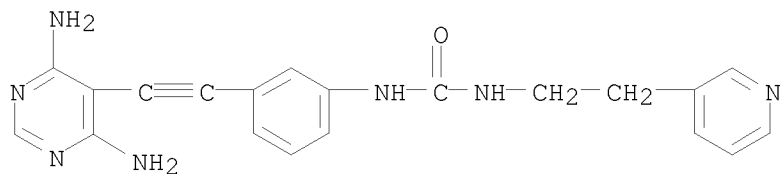
RN 905439-75-0 CAPLUS

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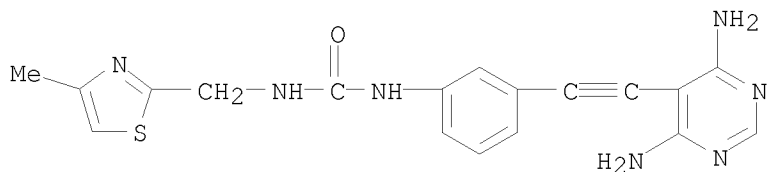
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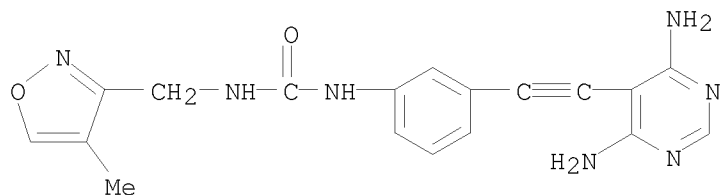
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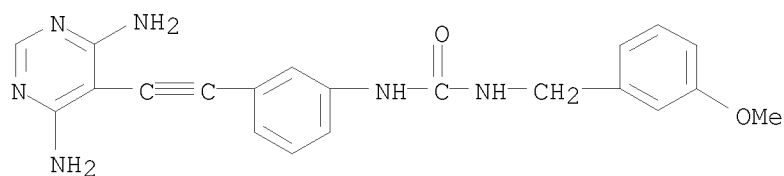
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RN 905439-82-9 CAPLUS

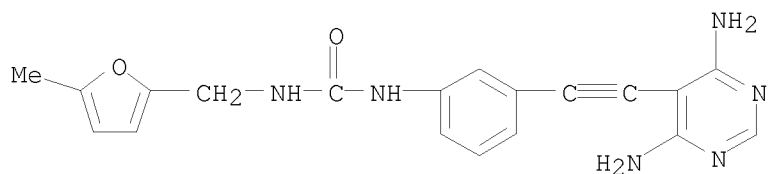
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11/815,269



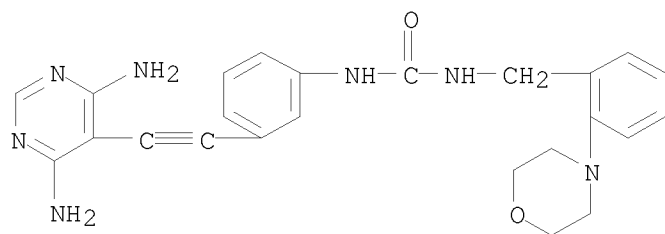
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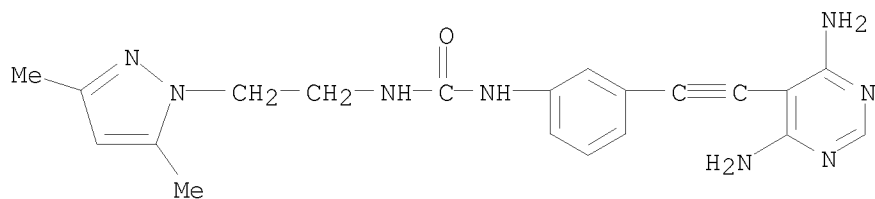
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RN 905439-86-3 CAPLUS

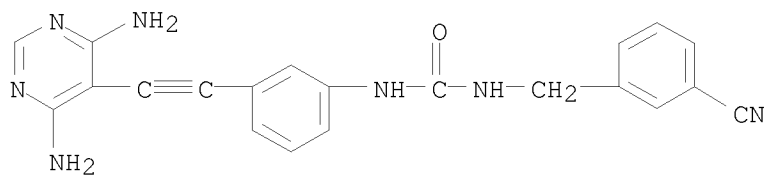
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RN 905439-87-4 CAPLUS

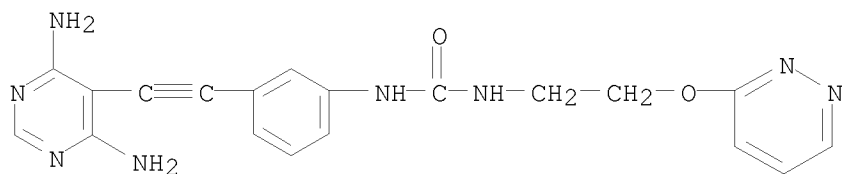
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11/815,269



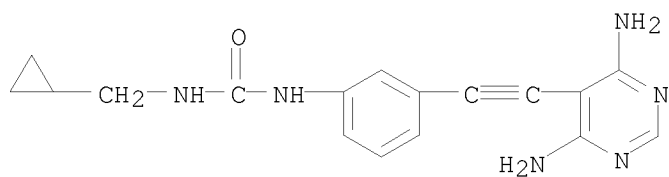
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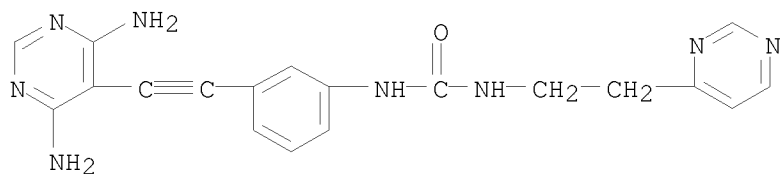
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RN 905439-94-3 CAPLUS

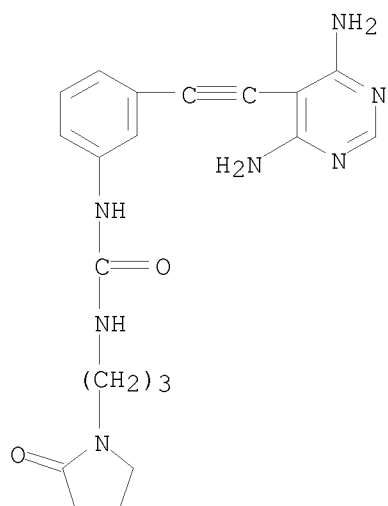
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RN 905439-97-6 CAPLUS

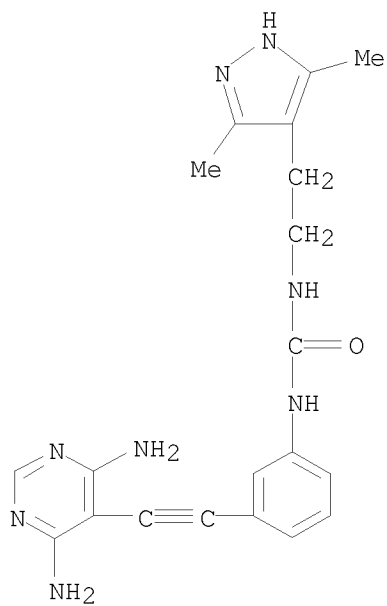
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11/815,269



RN 905439-98-7 CAPLUS

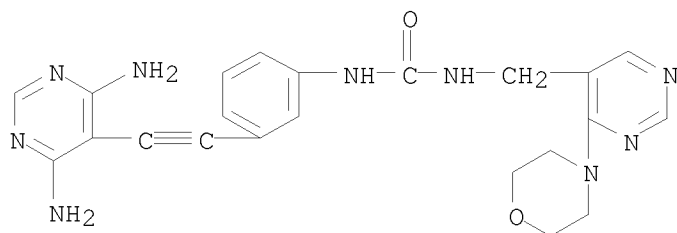
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RN 905440-01-9 CAPLUS

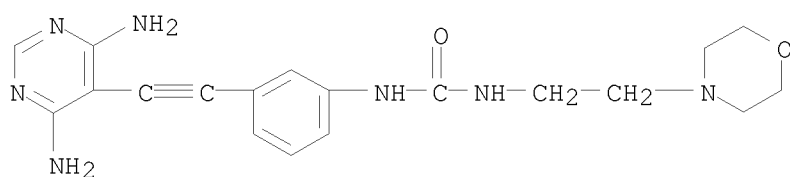
CN Urea, N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-N'-[[4-(4-morpholinyl)-5-pyrimidinyl]methyl]- (CA INDEX NAME)

11/815,269



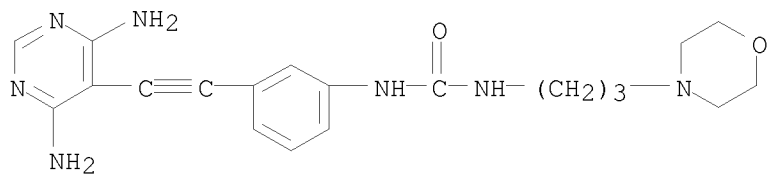
RN 905440-03-1 CAPLUS

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RN 905440-05-3 CAPLUS

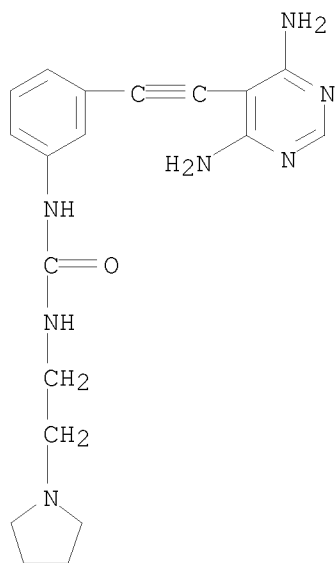
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RN 905440-07-5 CAPLUS

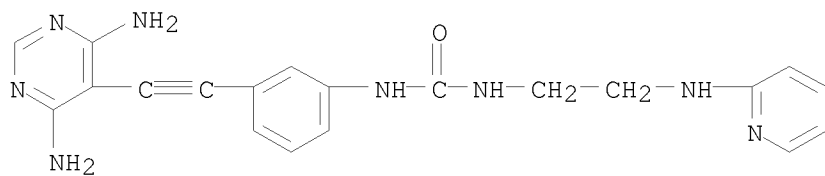
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11/815,269



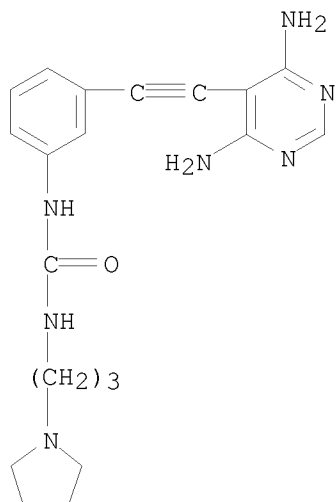
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CN Urea, N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-N'-[2-(2-pyridinylamino)ethyl]- (CA INDEX NAME)



RN 905440-12-2 CAPLUS

CN Urea, N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-N'-[3-(1-pyrrolidinyl)propyl]- (CA INDEX NAME)



11/815,269

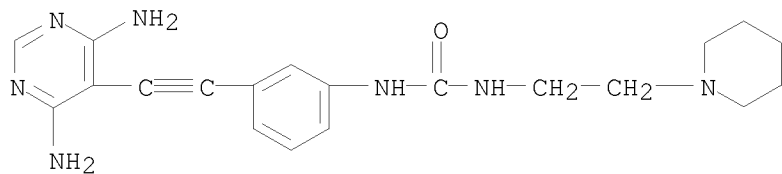
RN 905440-15-5 CAPLUS

CN Urea, N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-N'-[2-(1-piperidinyl)ethyl]-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 905440-14-4

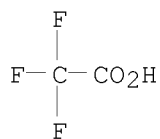
CMF C20 H25 N7 O



CM 2

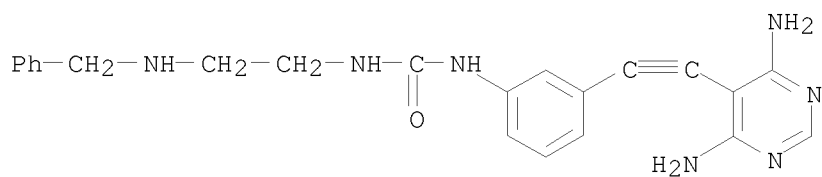
CRN 76-05-1

CMF C2 H F3 O2



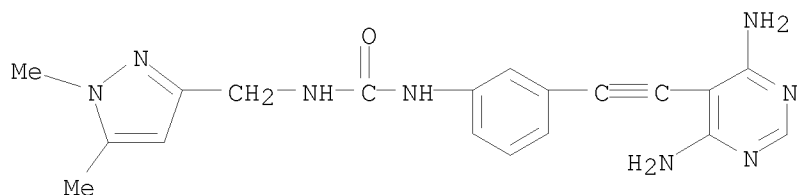
RN 905440-17-7 CAPLUS

CN Urea, N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-N'-[2-[(phenylmethyl)amino]ethyl]- (CA INDEX NAME)



RN 905440-20-2 CAPLUS

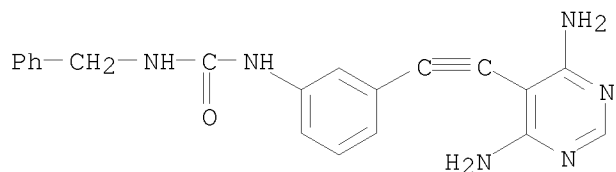
CN Urea, N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-N'-[(1,5-dimethyl-1H-pyrazol-3-yl)methyl]- (CA INDEX NAME)



11/815,269

RN 905440-23-5 CAPLUS

CN Urea, N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-N'-(phenylmethyl)-  
(CA INDEX NAME)



IT 857287-03-7P, 5-[(3-Aminophenyl)ethynyl]pyrimidine-4,6-diamine

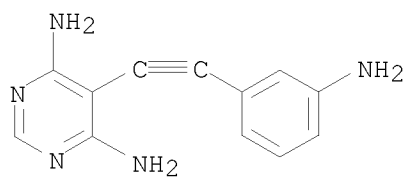
857287-13-9P, Phenyl[3-[(4,6-diaminopyrimidin-5-yl)ethynyl]phenyl]carbamate

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)

(preparation of pyrimidine derivs. and their use as Tie2 receptor tyrosine  
kinase inhibitors)

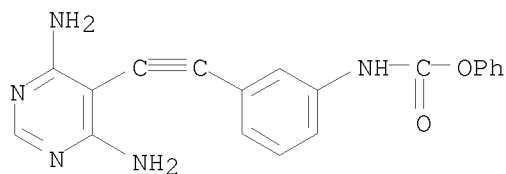
RN 857287-03-7 CAPLUS

CN 4,6-Pyrimidinediamine, 5-[2-(3-aminophenyl)ethynyl]- (CA INDEX NAME)



RN 857287-13-9 CAPLUS

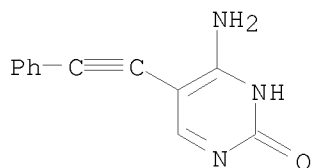
CN Carbamic acid, [3-[(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-, phenyl  
ester (9CI) (CA INDEX NAME)



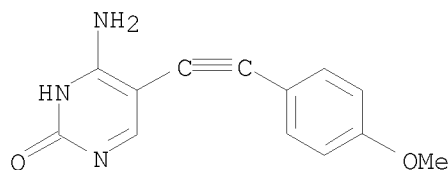
RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

11/815,269

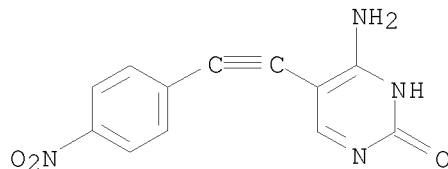
L4 ANSWER 16 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN  
AN 2006:713136 CAPLUS  
DN 145:335838  
TI Synthesis of N1-unsubstituted 5-alkynyl-cytosine and derivatives thereof  
AU Hudson, Robert H. E.; Dambeniek, Andrew K.  
CS Department of Chemistry, The University of Western Ontario, London, ON,  
N6A 5B7, Can.  
SO Heterocycles (2006), 68(7), 1325-1328  
CODEN: HTCYAM; ISSN: 0385-5414  
PB Japan Institute of Heterocyclic Chemistry  
DT Journal  
LA English  
OS CASREACT 145:335838  
IT 896450-72-9P 896450-73-0P 909712-57-8P  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(synthesis of N1-unsubstituted 5-alkynyl-cytosine via Sonogashira  
coupling of 5-iodocytosine with terminal alkynes and cross-coupling and  
cyclization reactions)  
RN 896450-72-9 CAPLUS  
CN 2(1H)-Pyrimidinone, 6-amino-5-(2-phenylethynyl)- (CA INDEX NAME)



RN 896450-73-0 CAPLUS  
CN 2(1H)-Pyrimidinone, 6-amino-5-[2-(4-methoxyphenyl)ethynyl]- (CA INDEX NAME)

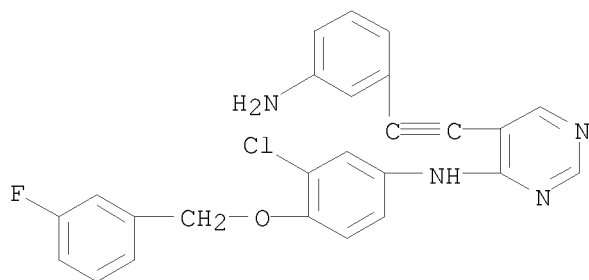


RN 909712-57-8 CAPLUS  
CN 2(1H)-Pyrimidinone, 6-amino-5-[2-(4-nitrophenyl)ethynyl]- (CA INDEX NAME)

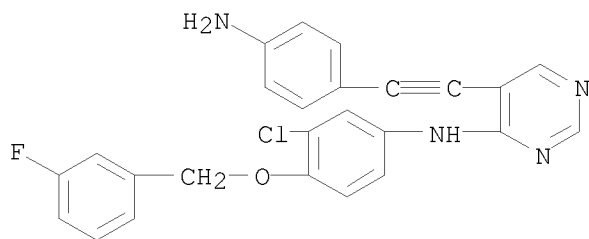


RE.CNT 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 17 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 2006:274296 CAPLUS  
 DN 144:488615  
 TI Alkynyl pyrimidines as dual EGFR/ErbB2 kinase inhibitors  
 AU Waterson, Alex G.; Stevens, Kirk L.; Reno, Michael J.; Zhang, Yue-Mei;  
 Boros, Eric E.; Bouvier, Frederic; Rastagar, Abdullah; Uehling, David E.;  
 Dickerson, Scott H.; Reep, Bryan; McDonald, Octerloney B.; Wood, Edgar R.;  
 Rusnak, David W.; Alligood, Krystal J.; Rudolph, Sharon K.  
 CS GlaxoSmithKline, Research Triangle Park, NC, 27709-3398, USA  
 SO Bioorganic & Medicinal Chemistry Letters (2006), 16(9), 2419-2422  
 CODEN: BMCLE8; ISSN: 0960-894X  
 PB Elsevier B.V.  
 DT Journal  
 LA English  
 OS CASREACT 144:488615  
 IT 845657-38-7P 845657-48-9P 845657-82-1P  
 845658-03-9P  
 RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic  
 preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant  
 or reagent)  
 (preparation of alkynyl pyrimidines as dual EGFR/ErbB2 kinase inhibitors)  
 RN 845657-38-7 CAPLUS  
 CN 4-Pyrimidinamine, 5-[2-(3-aminophenyl)ethynyl]-N-[3-chloro-4-[(3-  
 fluorophenyl)methoxy]phenyl]- (CA INDEX NAME)

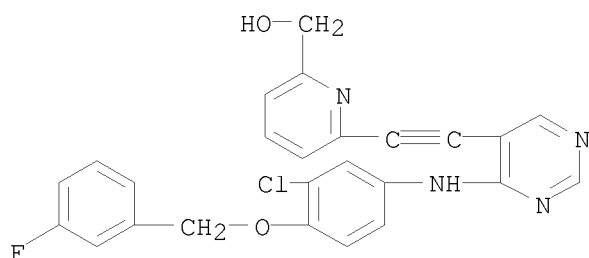


RN 845657-48-9 CAPLUS  
 CN 4-Pyrimidinamine, 5-[2-(4-aminophenyl)ethynyl]-N-[3-chloro-4-[(3-  
 fluorophenyl)methoxy]phenyl]- (CA INDEX NAME)



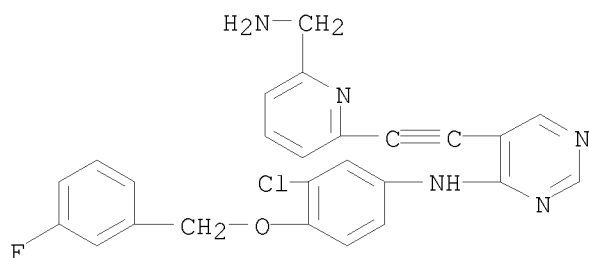
RN 845657-82-1 CAPLUS  
 CN 2-Pyridinemethanol, 6-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]a  
 mino]-5-pyrimidinyl]ethynyl]- (CA INDEX NAME)

11/815,269



RN 845658-03-9 CAPLUS

CN 4-Pyrimidinamine, 5-[2-[6-(aminomethyl)-2-pyridinyl]ethynyl]-N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]- (CA INDEX NAME)



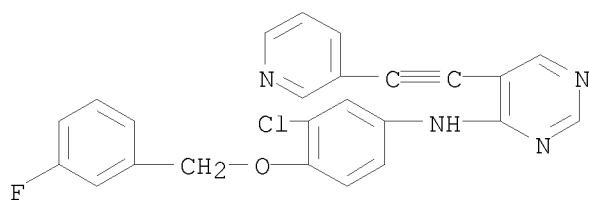
IT 845657-23-0P 845657-32-1P 845657-39-8P  
845657-45-6P 845657-47-8P 845657-53-6P  
845657-57-0P 845657-58-1P 845657-74-1P  
845658-08-4P 845658-12-0P 845658-25-5P  
887147-46-8P 887147-47-9P 887147-48-0P  
887147-49-1P 887147-50-4P 887147-51-5P  
887147-52-6P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)

(preparation of alkynyl pyrimidines as dual EGFR/ErbB2 kinase inhibitors)

RN 845657-23-0 CAPLUS

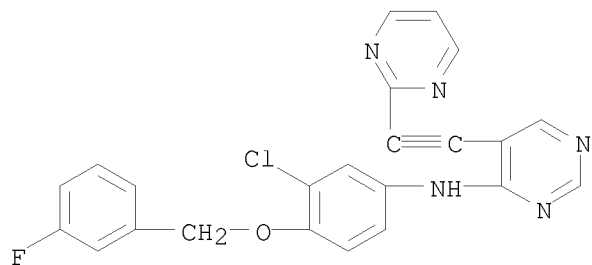
CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-(3-pyridinyl)ethynyl]- (CA INDEX NAME)



RN 845657-32-1 CAPLUS

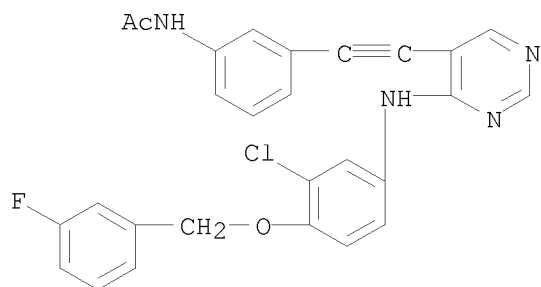
CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-(2-pyridinyl)ethynyl]- (CA INDEX NAME)

11/815,269



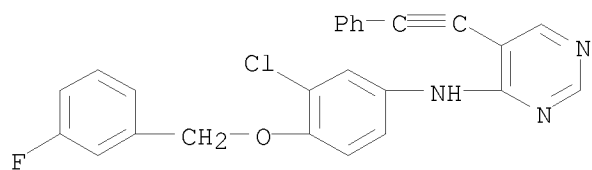
RN 845657-39-8 CAPLUS

CN Acetamide, N-[3-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



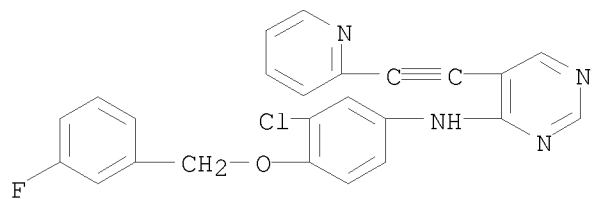
RN 845657-45-6 CAPLUS

CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-(2-phenylethynyl)- (CA INDEX NAME)



RN 845657-47-8 CAPLUS

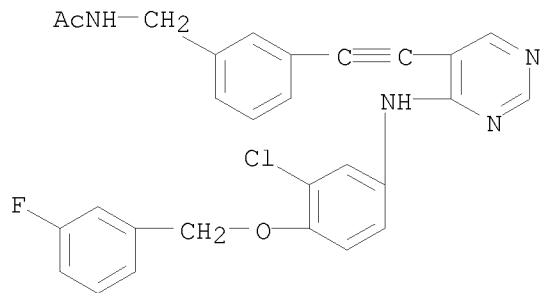
CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-(2-pyridinyl)ethynyl]- (CA INDEX NAME)



RN 845657-53-6 CAPLUS

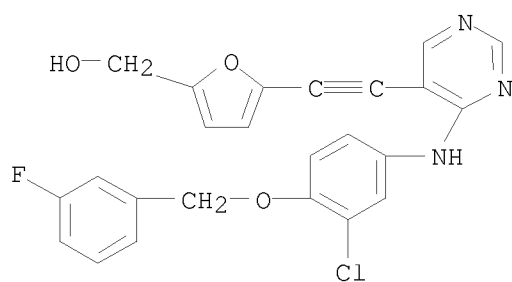
CN Acetamide, N-[[3-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]phenyl]methyl]- (CA INDEX NAME)

11/815,269



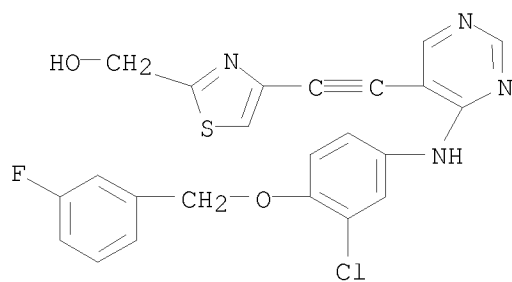
RN 845657-57-0 CAPLUS

CN 2-Furanmethanol, 5-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]- (CA INDEX NAME)



RN 845657-58-1 CAPLUS

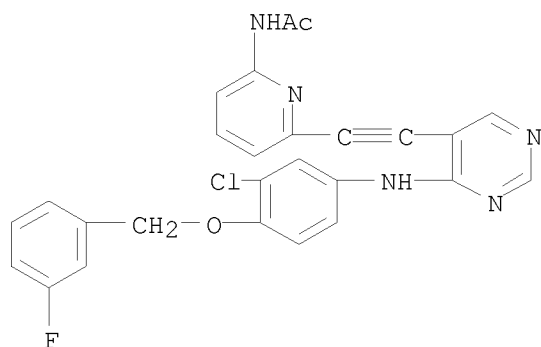
CN 2-Thiazolemethanol, 4-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]- (CA INDEX NAME)



RN 845657-74-1 CAPLUS

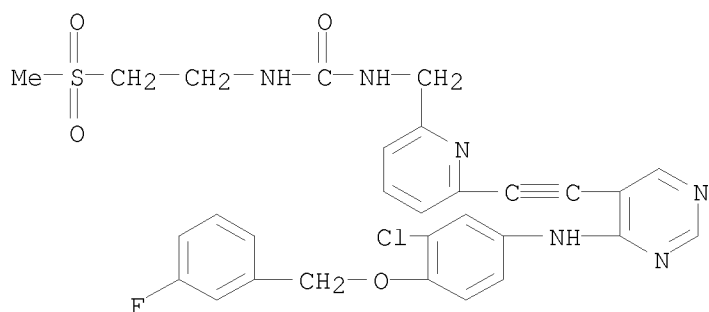
CN Acetamide, N-[6-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]-2-pyridinyl]- (CA INDEX NAME)

11/815,269



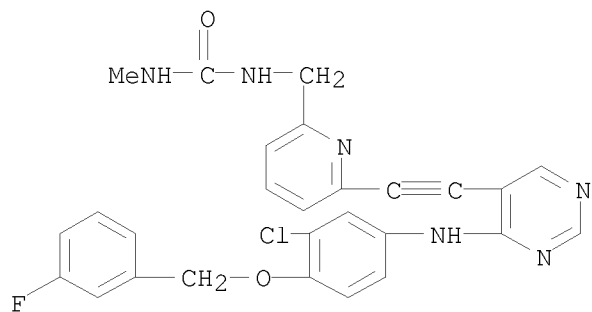
RN 845658-08-4 CAPLUS

CN Urea, N-[[6-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]-2-pyridinyl]methyl]-N'-[2-(methylsulfonyl)ethyl]- (CA INDEX NAME)



RN 845658-12-0 CAPLUS

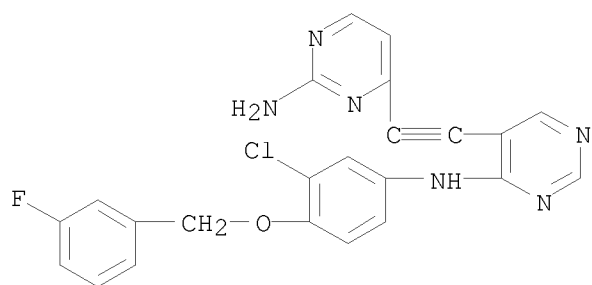
CN Urea, N-[[6-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]-2-pyridinyl]methyl]-N'-methyl- (CA INDEX NAME)



RN 845658-25-5 CAPLUS

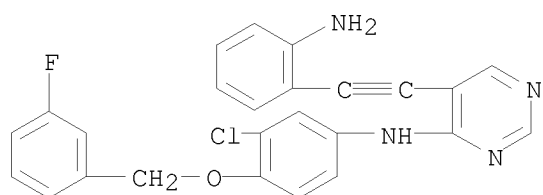
CN 4-Pyrimidinamine, 5-[2-(2-amino-4-pyrimidinyl)ethynyl]-N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]- (CA INDEX NAME)

11/815,269



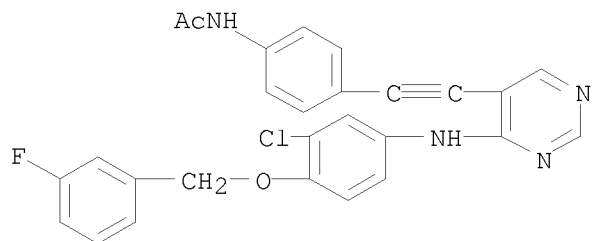
RN 887147-46-8 CAPLUS

CN 4-Pyrimidinamine, 5-[2-(2-aminophenyl)ethynyl]-N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]- (CA INDEX NAME)



RN 887147-47-9 CAPLUS

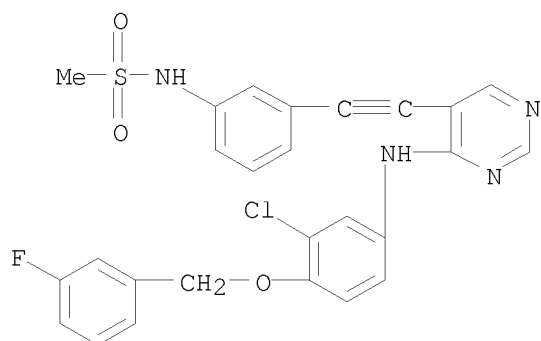
CN Acetamide, N-[4-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



RN 887147-48-0 CAPLUS

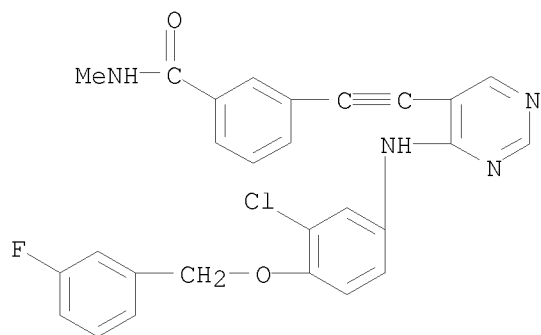
CN Methanesulfonamide, N-[3-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)

11/815,269



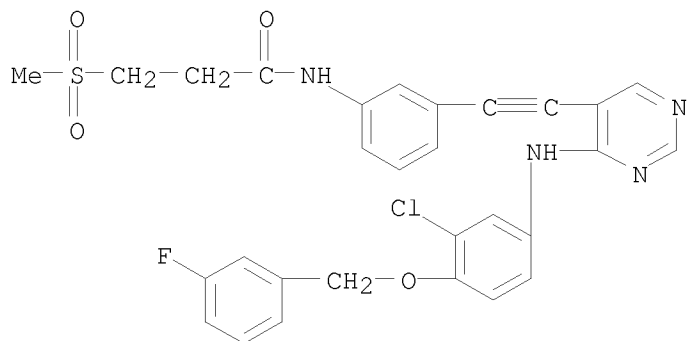
RN 887147-49-1 CAPLUS

CN Benzamide, 3-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]-N-methyl- (CA INDEX NAME)



RN 887147-50-4 CAPLUS

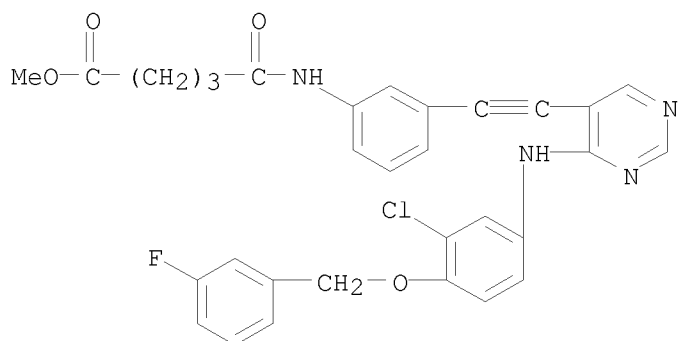
CN Propanamide, N-[3-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-3-(methylsulfonyl)- (CA INDEX NAME)



RN 887147-51-5 CAPLUS

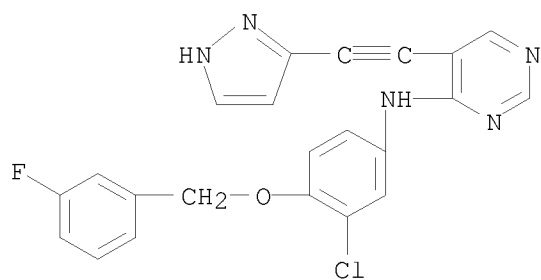
CN Pentanoic acid, 5-[[3-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]phenyl]amino]-5-oxo-, methyl ester (CA INDEX NAME)

11/815,269



RN 887147-52-6 CAPLUS

CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-(1H-pyrazol-3-yl)ethynyl]- (CA INDEX NAME)



RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 18 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 2006:104519 CAPLUS  
 DN 144:171009  
 TI Preparation of pyrimidine derivatives as selective inhibitors of protein kinase C $\theta$  with therapeutic uses  
 IN Barbosa, Antonio J. M.; Brunette, Steven Richard; Hickey, Eugene Richard; Kim, Jin Mi; Lawlor, Michael David; Lemieux, Rene Marc; Mckibben, Bryan; Tschantz, Matt Aaron; Yu, Hui  
 PA Boehringer Ingelheim Pharmaceuticals, Inc., USA  
 SO U.S. Pat. Appl. Publ., 156 pp.  
 CODEN: USXXCO  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 20060025433	A1	20060202	US 2005-175476	20050706
	CA 2571937	A1	20060209	CA 2005-2571937	20050706
	WO 2006014482	A1	20060209	WO 2005-US23969	20050706
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	EP 1765791	A1	20070328	EP 2005-769520	20050706
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, YU				
	JP 2008505910	T	20080228	JP 2007-520469	20050706
PRAI	US 2004-586289P	P	20040708		
	WO 2005-US23969	W	20050706		

OS MARPAT 144:171009

IT 874823-40-2P, N'-[(trans-4-Aminocyclohexyl)methyl]-5-(phenylethynyl)-N-[2-(trifluoromethoxy)benzyl]pyrimidine-2,4-diamine  
 874823-42-4P, N'-[(trans-4-Aminocyclohexyl)methyl]-N-[2-(trifluoromethoxy)benzyl]-5-[[3-(trifluoromethyl)phenyl]ethynyl]pyrimidine-2,4-diamine  
 874823-43-5P, N'-[(trans-4-Aminocyclohexyl)methyl]-5-[[2-fluorophenyl]ethynyl]-N-[2-(trifluoromethoxy)benzyl]pyrimidine-2,4-diamine  
 874823-44-6P, N'-[(trans-4-Aminocyclohexyl)methyl]-N-[2-(trifluoromethoxy)benzyl]-5-[[2-(trifluoromethyl)phenyl]ethynyl]pyrimidine-2,4-diamine  
 874823-45-7P, N'-[(trans-4-Aminocyclohexyl)methyl]-5-[[3-methylphenyl]ethynyl]-N-[2-(trifluoromethoxy)benzyl]pyrimidine-2,4-diamine  
 874823-46-8P, N'-[(trans-4-Aminocyclohexyl)methyl]-5-[[4-methylphenyl]ethynyl]-N-[2-(trifluoromethoxy)benzyl]pyrimidine-2,4-diamine  
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

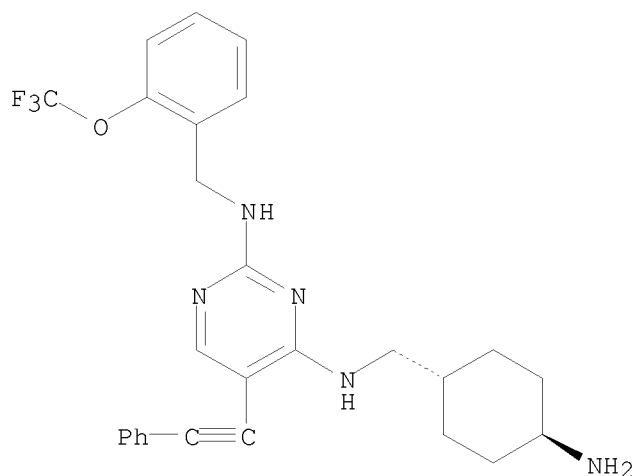
(drug candidate; preparation of pyrimidine derivs. as selective inhibitors of protein kinase C $\theta$  with therapeutic uses)

RN 874823-40-2 CAPLUS

CN 2,4-Pyrimidinediamine, N4-[(trans-4-aminocyclohexyl)methyl]-5-(2-phenylethynyl)-N2-[[2-(trifluoromethoxy)phenyl]methyl]- (CA INDEX NAME)

11/815,269

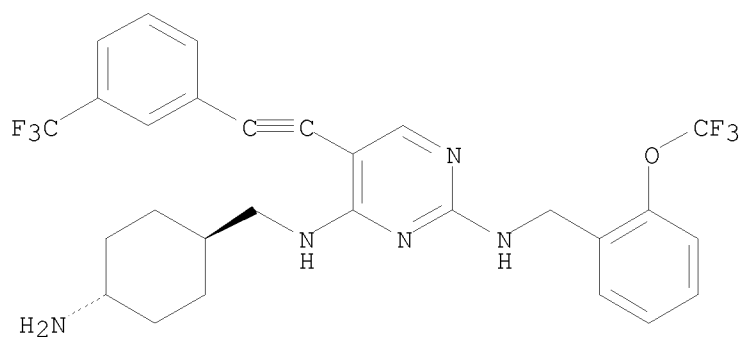
Relative stereochemistry.



RN 874823-42-4 CAPLUS

CN 2,4-Pyrimidinediamine, N4-[(trans-4-aminocyclohexyl)methyl]-N2-[[2-(trifluoromethoxy)phenyl)methyl]-5-[2-[3-(trifluoromethyl)phenyl]ethynyl]- (CA INDEX NAME)

Relative stereochemistry.

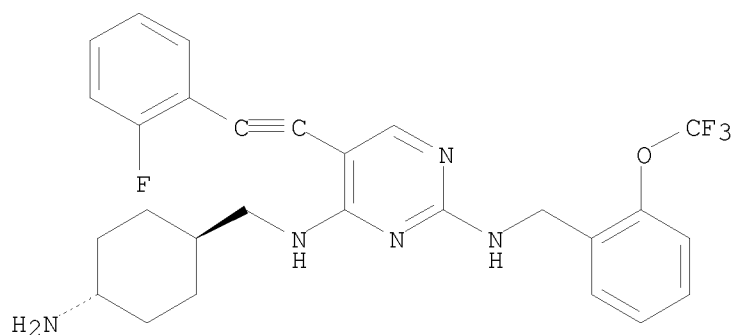


RN 874823-43-5 CAPLUS

CN 2,4-Pyrimidinediamine, N4-[(trans-4-aminocyclohexyl)methyl]-5-[2-(2-fluorophenyl)ethynyl]-N2-[[2-(trifluoromethoxy)phenyl)methyl]- (CA INDEX NAME)

Relative stereochemistry.

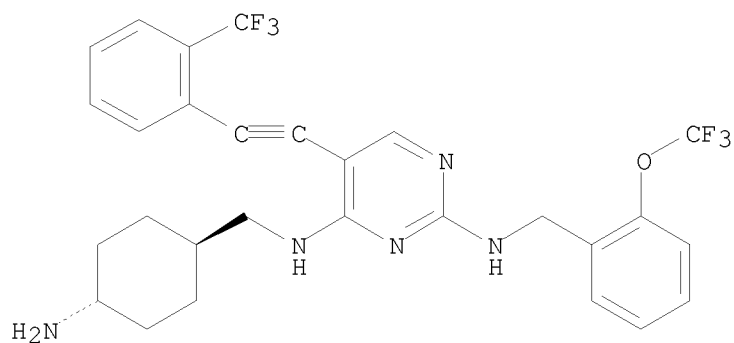
11/815,269



RN 874823-44-6 CAPLUS

CN 2,4-Pyrimidinediamine, N4-[(trans-4-aminocyclohexyl)methyl]-N2-[[2-(trifluoromethoxy)phenyl)methyl]-5-[2-[2-(trifluoromethyl)phenyl]ethynyl]- (CA INDEX NAME)

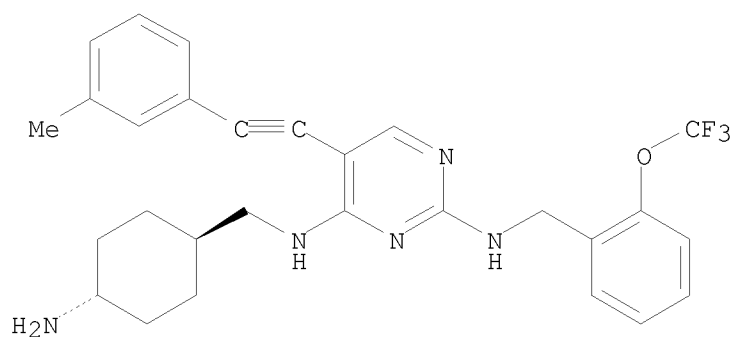
Relative stereochemistry.



RN 874823-45-7 CAPLUS

CN 2,4-Pyrimidinediamine, N4-[(trans-4-aminocyclohexyl)methyl]-5-[2-(3-methylphenyl)ethynyl]-N2-[[2-(trifluoromethoxy)phenyl)methyl]- (CA INDEX NAME)

Relative stereochemistry.



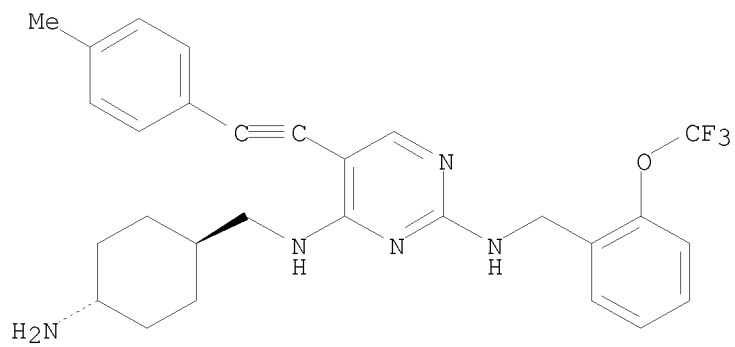
RN 874823-46-8 CAPLUS

CN 2,4-Pyrimidinediamine, N4-[(trans-4-aminocyclohexyl)methyl]-5-[2-(4-methylphenyl)ethynyl]-N2-[[2-(trifluoromethoxy)phenyl)methyl]- (CA INDEX NAME)

11/815,269

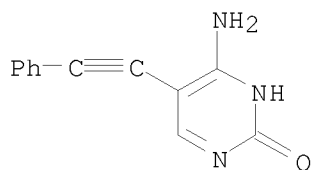
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Relative stereochemistry.

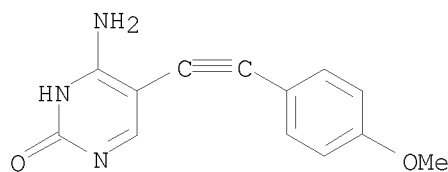


11/815,269

L4 ANSWER 19 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN  
AN 2005:1323349 CAPLUS  
DN 145:98853  
TI New fluorescent nucleobases derived from 5-alkynylpyrimidines  
AU Hudson, Robert H. E.; Dambeniek, Andrew K.; Moszynski, Joanne M.  
CS Department of Chemistry, The Univ. of Western Ontario, London, ON, N6A  
1X8, Can.  
SO Proceedings of SPIE-The International Society for Optical Engineering  
(2005), 5969(Photonic Applications in Biosensing and Imaging),  
59690J/1-59690J/10  
CODEN: PSISDG; ISSN: 0277-786X  
PB SPIE-The International Society for Optical Engineering  
DT Journal  
LA English  
IT 896450-72-9P 896450-73-0P  
RL: ARG (Analytical reagent use); PRP (Properties); SPN (Synthetic  
preparation); ANST (Analytical study); PREP (Preparation); USES (Uses)  
(synthesis of fluorescent nucleobases derived from 5-alkynylpyrimidines  
for fluorometry of oligonucleotides)  
RN 896450-72-9 CAPLUS  
CN 2(1H)-Pyrimidinone, 6-amino-5-(2-phenylethynyl)- (CA INDEX NAME)



RN 896450-73-0 CAPLUS  
CN 2(1H)-Pyrimidinone, 6-amino-5-[2-(4-methoxyphenyl)ethynyl]- (CA INDEX  
NAME)



RE.CNT 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 20 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2005:588667 CAPLUS

DN 143:115556

TI Preparation of 4-aminopyrimidine derivatives as inhibitors of Tie2  
receptor tyrosine kinases

IN Jones, Clifford David; Luke, Richard William Arthur; McCoull, William

PA Astrazeneca AB, Swed.; Astrazeneca UK Limited

SO PCT Int. Appl., 129 pp.

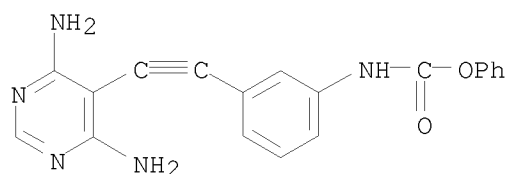
CODEN: PIXXD2

DT Patent

LA English

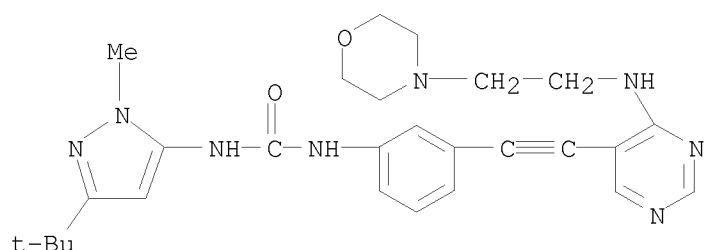
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005060969	A1	20050707	WO 2004-GB5332	20041220
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	EP 1737462	A1	20070103	EP 2004-806134	20041220
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	CN 1917880	A	20070221	CN 2004-80041936	20041220
	JP 2007517006	T	20070628	JP 2006-546305	20041220
	AT 402705	T	20080815	AT 2004-806134	20041220
	US 20080027076	A1	20080131	US 2006-596740	20060622
	IN 2006MN00847	A	20070420	IN 2006-MN847	20060717
PRAI	GB 2003-30001	A	20031224		
	GB 2004-16850	A	20040729		
	WO 2004-GB5332	W	20041220		
OS	CASREACT 143:115556; MARPAT 143:115556				
IT	857287-13-9P, Phenyl [3-[(4,6-diaminopyrimidin-5-yl)ethynyl]phenyl]carbamate 857287-53-7P, N-(3-tert-Butyl-1-methyl-1H-pyrazol-5-yl)-N'-[3-[[4-[[2-(morpholin-4-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea				
	RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)				
	(inhibitor; preparation of aminopyrimidine derivs. as inhibitors of Tie2 receptor tyrosine kinases)				
RN	857287-13-9 CAPLUS				
CN	Carbamic acid, [3-[(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-, phenyl ester (9CI) (CA INDEX NAME)				



RN 857287-53-7 CAPLUS

CN Urea, N-[3-(1,1-dimethylethyl)-1-methyl-1H-pyrazol-5-yl]-N'-[3-[2-[4-[[2-(4-morpholinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



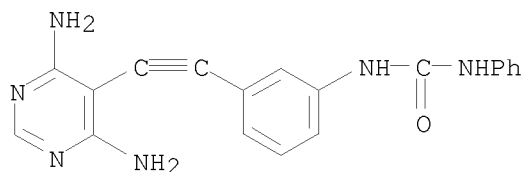
IT 857287-02-6P, N-[3-[(4,6-Diaminopyrimidin-5-yl)ethynyl]phenyl]-N'-phenylurea 857287-04-8P, 2-Phenyl-N-[3-[(4,6-diaminopyrimidin-5-yl)ethynyl]phenyl]acetamide 857287-05-9P, N-[3-[(4,6-Diaminopyrimidin-5-yl)ethynyl]phenyl]-N'-(3,4-dichlorophenyl)urea 857287-06-0P, N-[3-[(4,6-Diaminopyrimidin-5-yl)ethynyl]phenyl]-N'-[2-(trifluoromethyl)phenyl]urea 857287-07-1P, N-[3-[(4,6-Diaminopyrimidin-5-yl)ethynyl]phenyl]-N'-[3-(trifluoromethyl)phenyl]urea 857287-08-2P, N-[3-[(4,6-Diaminopyrimidin-5-yl)ethynyl]phenyl]-N'-[4-(trifluoromethyl)phenyl]urea 857287-09-3P, N-[4-[(4,6-Diaminopyrimidin-5-yl)ethynyl]phenyl]-N'-[2-fluoro-5-(trifluoromethyl)phenyl]urea 857287-10-6P, N-[3-[(4,6-Diaminopyrimidin-5-yl)ethynyl]phenyl]-N'-(3-methoxyphenyl)urea 857287-11-7P, Phenyl [4-[(4,6-diaminopyrimidin-5-yl)ethynyl]phenyl]carbamate 857287-14-0P, N-(5-tert-Butyl-1,3,4-thiadiazol-2-yl)-N'-[4-[(4,6-diaminopyrimidin-5-yl)ethynyl]phenyl]urea 857287-15-1P, N-[4-[(4,6-Diaminopyrimidin-5-yl)ethynyl]phenyl]-N'-(3-methylisothiazol-5-yl)urea 857287-16-2P, N-[4-[(4,6-Diaminopyrimidin-5-yl)ethynyl]phenyl]-N'-(3-methylisoxazol-5-yl)urea 857287-17-3P, N-[4-[(4,6-Diaminopyrimidin-5-yl)ethynyl]phenyl]-N'-[4-(trifluoromethyl)pyridin-2-yl]urea 857287-18-4P, N-[3-[[[4-[(4,6-Diaminopyrimidin-5-yl)ethynyl]phenyl]amino]carbonyl]amino]phenyl]acetamide 857287-19-5P, N-[3-[(4,6-Diaminopyrimidin-5-yl)ethynyl]phenyl]-N'-(3-methylisothiazol-5-yl)urea 857287-20-8P, N-[3-[[[3-[(4,6-Diaminopyrimidin-5-yl)ethynyl]phenyl]amino]carbonyl]amino]phenyl]acetamide 857287-21-9P, N-[3-[(4,6-Diaminopyrimidin-5-yl)ethynyl]phenyl]-N'-[4-(trifluoromethyl)pyridin-2-yl]urea 857287-22-0P, N-[3-[(4,6-Diaminopyrimidin-5-yl)ethynyl]phenyl]-N'-(3-methylisoxazol-5-yl)urea 857287-23-1P, N-(5-tert-Butyl-1,3,4-thiadiazol-2-yl)-N'-[3-[(4,6-diaminopyrimidin-5-yl)ethynyl]phenyl]urea 857287-24-2P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[(4,6-diaminopyrimidin-5-yl)ethynyl]phenyl]urea 857287-25-3P, N-[3-[(4,6-Diaminopyrimidin-5-yl)ethynyl]phenyl]-N'-(2,3-dihydro-1,4-benzodioxin-6-yl)urea 857287-26-4P, N-[3-[(4,6-Diaminopyrimidin-5-yl)ethynyl]phenyl]-N'-[2-(morpholin-4-yl)phenyl]urea 857287-27-5P, N-[3-[(4,6-Diaminopyrimidin-5-yl)ethynyl]phenyl]-N'-(1-methylpiperidin-4-yl)urea 857287-28-6P, N-[3-[(4,6-Diaminopyrimidin-5-yl)ethynyl]phenyl]-N'-(1-propylpiperidin-4-yl)urea 857287-29-7P, N-[3-[(4,6-Diaminopyrimidin-5-yl)ethynyl]phenyl]-2-(2-methoxyphenyl)acetamide 857287-30-0P, N-[3-[(4,6-Diaminopyrimidin-5-yl)ethynyl]phenyl]-2-[3-(trifluoromethyl)phenyl]acetamide 857287-31-1P, N-[3-[(4,6-Diaminopyrimidin-5-yl)ethynyl]phenyl]-2-[4-(trifluoromethyl)phenyl]acetamide

857287-32-2P, N-[3-[(4,6-Diaminopyrimidin-5-yl)ethynyl]phenyl]-2-(3-methoxyphenyl)acetamide 857287-35-5P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[4-(methylamino)pyrimidin-5-yl]ethynyl]phenyl]urea 857287-36-6P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[4-[[3-(isopropylamino)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857287-37-7P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[4-[[2-(pyrrolidin-1-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857287-38-8P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[4-[[5-tert-butylisoxazol-3-yl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857287-39-9P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[4-[[3-(dimethylamino)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857287-40-2P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[4-[[2-(hydroxyethyl)amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857287-41-3P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[4-[[2-(morpholin-4-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857287-42-4P, N-[3-[[4-[[4-Aminobutyl]amino]pyrimidin-5-yl]ethynyl]phenyl]-N'-(5-tert-butylisoxazol-3-yl)urea 857287-43-5P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[4-[[3-(pyrrolidin-1-yl)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857287-44-6P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[4-[[2,4-dimethoxybenzyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857287-45-7P, N-[3-[[4-[[2-Aminoethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]-N'-(5-tert-butylisoxazol-3-yl)urea 857287-46-8P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[4-[[2-(dimethylamino)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857287-47-9P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[4-[[4-(dimethylamino)butyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857287-48-0P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[4-[N-[2-(dimethylamino)ethyl]methylamino]pyrimidin-5-yl]ethynyl]phenyl]urea 857287-49-1P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[4-[[2-(piperidin-1-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857287-50-4P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[4-[[3-(morpholin-4-yl)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857287-51-5P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[4-[[3-(piperidin-1-yl)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857287-52-6P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[4-[[3-(4-methylpiperazin-1-yl)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857287-57-1P, N-[3-[(4,6-Diaminopyrimidin-5-yl)ethynyl]phenyl]-N'-(2,3-dihydro-1H-inden-1-yl)urea  
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(inhibitor; preparation of aminopyrimidine derivs. as inhibitors of Tie2 receptor tyrosine kinases)

RN 857287-02-6 CAPLUS

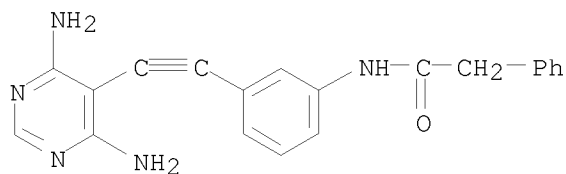
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RN 857287-04-8 CAPLUS

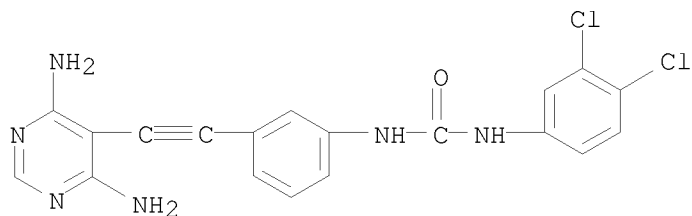
CN Benzeneacetamide, N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]- (CA INDEX NAME)

11/815,269



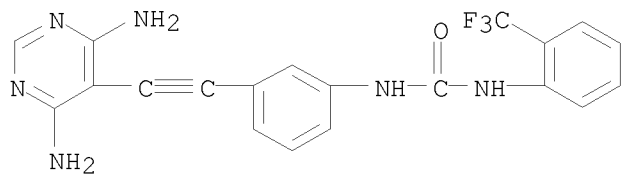
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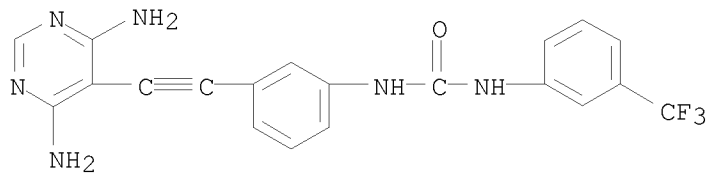
RN 857287-06-0 CAPLUS

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RN 857287-07-1 CAPLUS

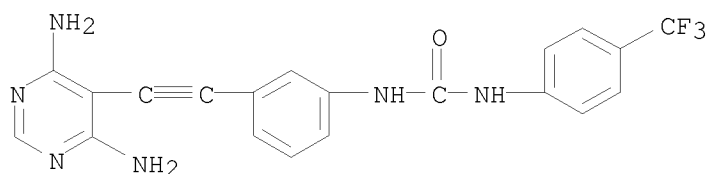
CN Urea, N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-N'-(3-(trifluoromethyl)phenyl)- (CA INDEX NAME)



RN 857287-08-2 CAPLUS

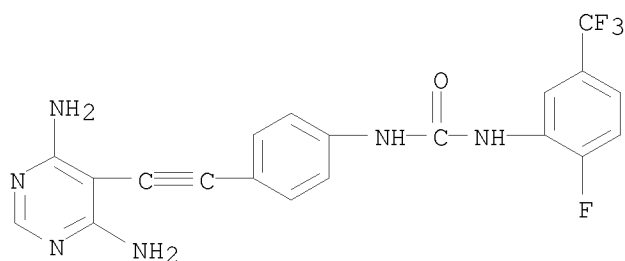
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11/815,269



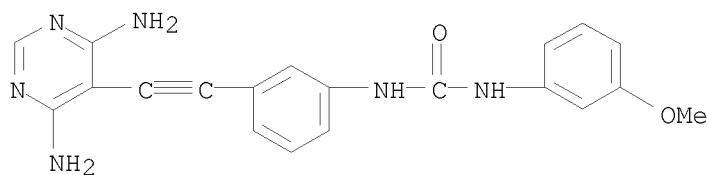
RN 857287-09-3 CAPLUS

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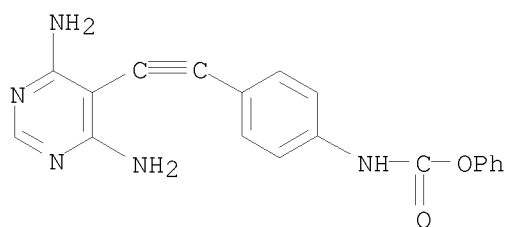
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CN Urea, N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-N'-(3-methoxyphenyl)- (CA INDEX NAME)



RN 857287-11-7 CAPLUS

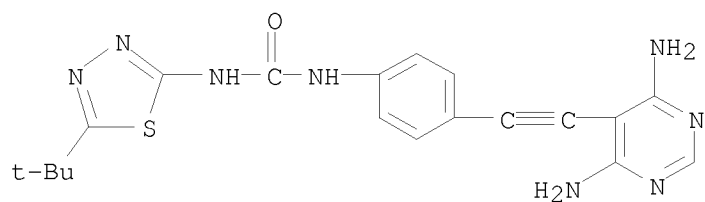
CN Carbamic acid, [4-[(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-, phenyl ester (9CI) (CA INDEX NAME)



RN 857287-14-0 CAPLUS

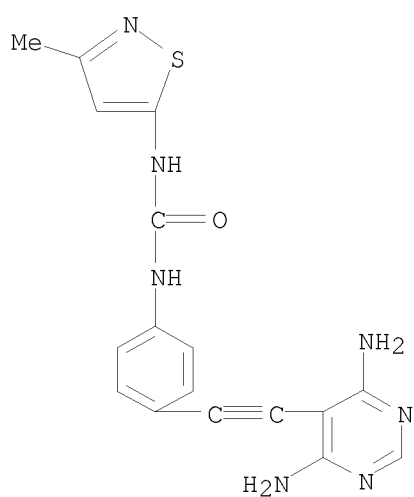
CN Urea, N-[4-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]- (CA INDEX NAME)

11/815,269



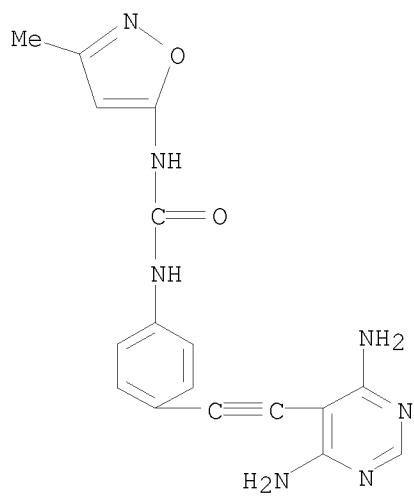
RN 857287-15-1 CAPLUS

CN Urea, N-[4-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-N'-(3-methyl-5-isothiazolyl)- (CA INDEX NAME)



RN 857287-16-2 CAPLUS

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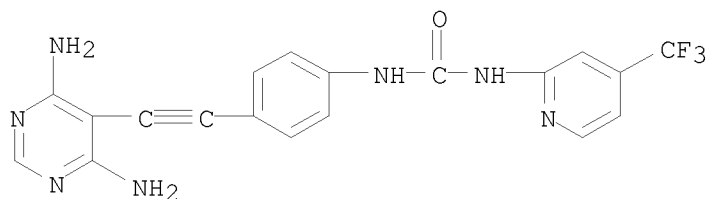


RN 857287-17-3 CAPLUS

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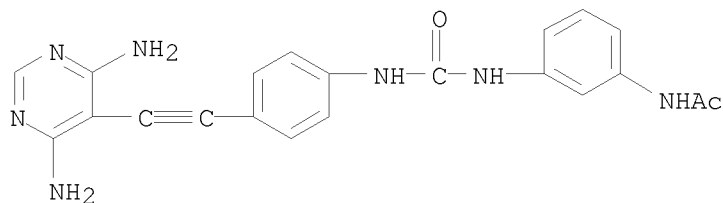
11/815,269

(trifluoromethyl)-2-pyridinyl]- (CA INDEX NAME)



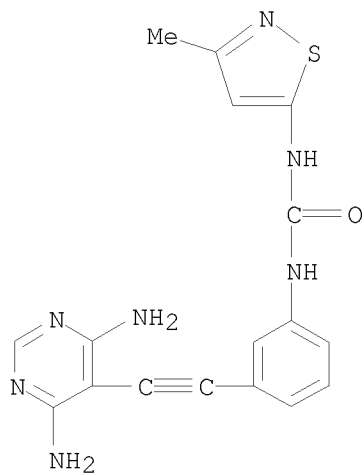
RN 857287-18-4 CAPLUS

CN Acetamide, N-[3-[[[4-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]amino]carbonyl]amino]phenyl]- (CA INDEX NAME)



RN 857287-19-5 CAPLUS

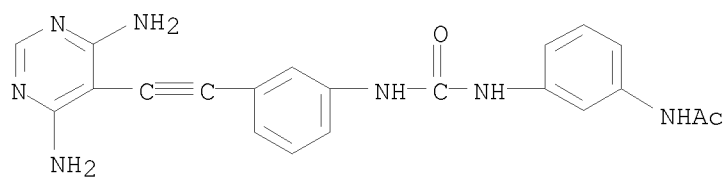
CN Urea, N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-N'-(3-methyl-5-isothiazolyl)- (CA INDEX NAME)



RN 857287-20-8 CAPLUS

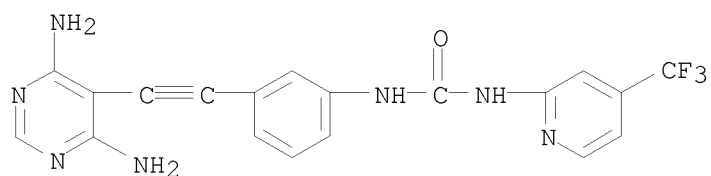
CN Acetamide, N-[3-[[[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]amino]carbonyl]amino]phenyl]- (CA INDEX NAME)

11/815,269



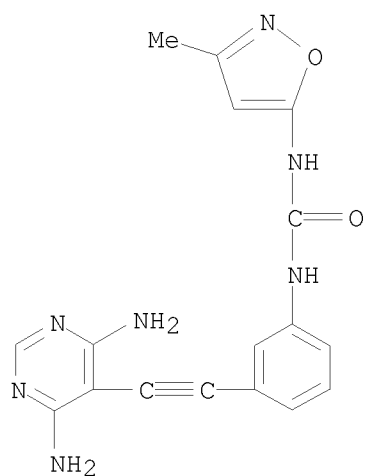
RN 857287-21-9 CAPLUS

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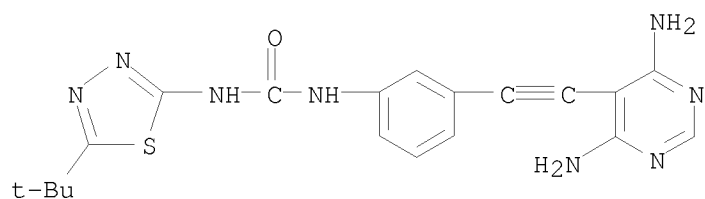
RN 857287-22-0 CAPLUS

CN Urea, N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-N'-(3-methyl-5-isoxazolyl)- (CA INDEX NAME)



RN 857287-23-1 CAPLUS

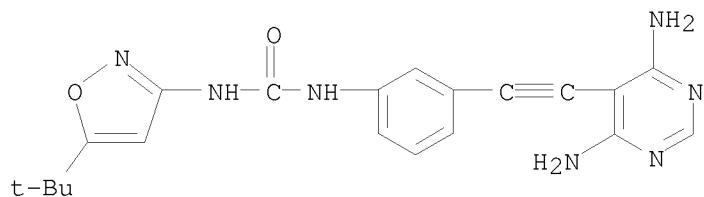
CN Urea, N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-N'-(5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl)- (CA INDEX NAME)



11/815,269

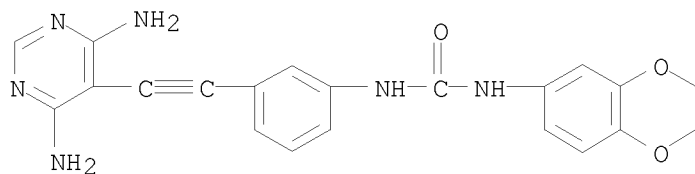
RN 857287-24-2 CAPLUS

CN Urea, N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)



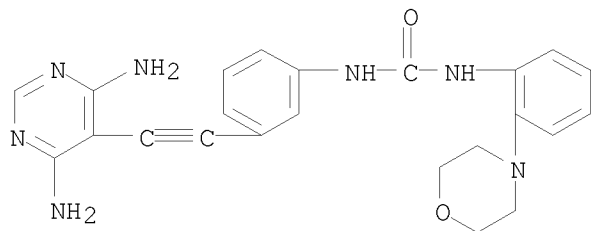
RN 857287-25-3 CAPLUS

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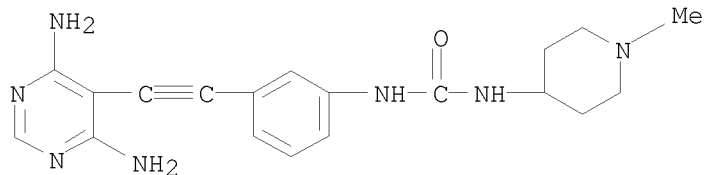
RN 857287-26-4 CAPLUS

CN Urea, N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-N'-[2-(4-morpholinyl)phenyl]- (CA INDEX NAME)



RN 857287-27-5 CAPLUS

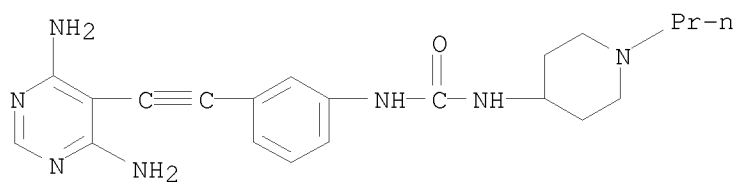
CN Urea, N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-N'-(1-methyl-4-piperidinyl)- (CA INDEX NAME)



RN 857287-28-6 CAPLUS

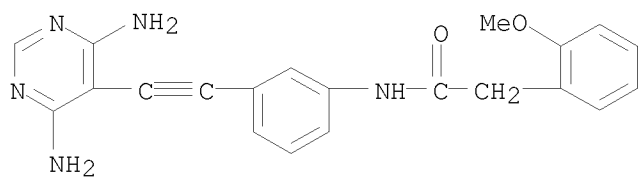
CN Urea, N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-N'-(1-propyl-4-piperidinyl)- (CA INDEX NAME)

11/815,269



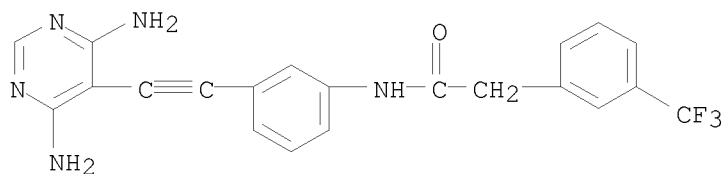
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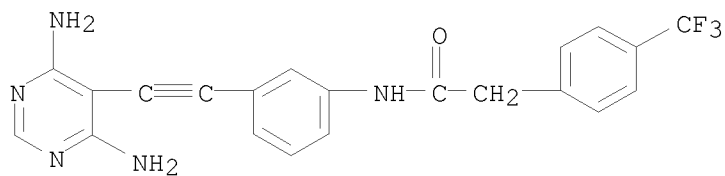
RN 857287-30-0 CAPLUS

CN Benzeneacetamide, N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-3-(trifluoromethyl)- (CA INDEX NAME)



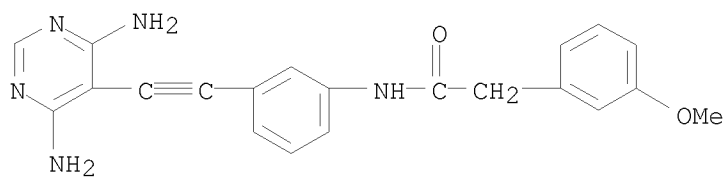
RN 857287-31-1 CAPLUS

CN Benzeneacetamide, N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-4-(trifluoromethyl)- (CA INDEX NAME)



RN 857287-32-2 CAPLUS

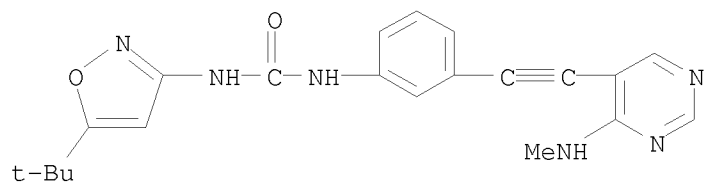
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11/815,269

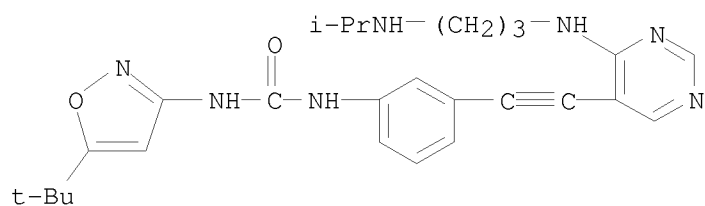
RN 857287-35-5 CAPLUS

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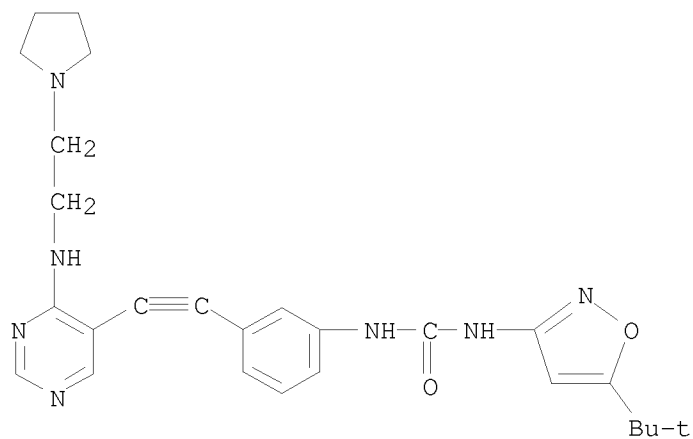
RN 857287-36-6 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[4-[[3-[(1-methylethyl)amino]propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



RN 857287-37-7 CAPLUS

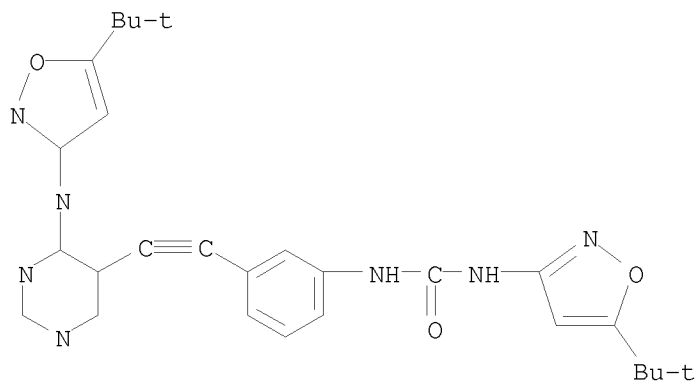
CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[4-[[2-(1-pyrrolidinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



RN 857287-38-8 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[4-[[5-(1,1-dimethylethyl)-3-isoxazolyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)

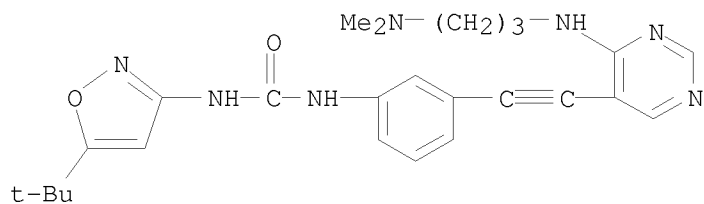
11/815,269



ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

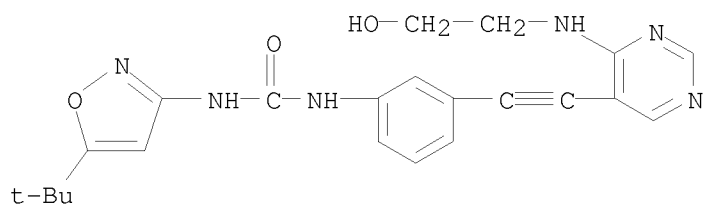
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CN Urea, N-[3-[2-[4-[3-(dimethylamino)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)



RN 857287-40-2 CAPLUS

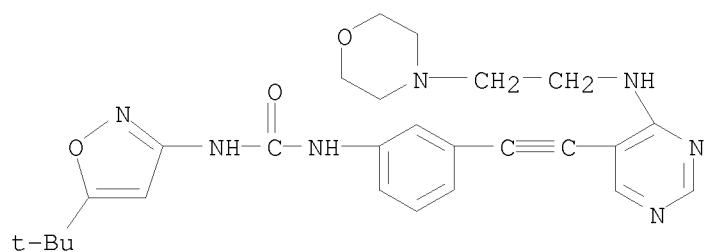
CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[4-[(2-hydroxyethyl)amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



RN 857287-41-3 CAPLUS

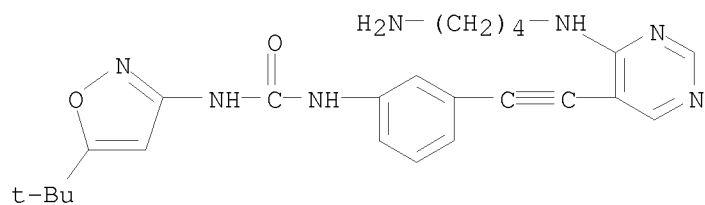
CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[4-[[2-(4-morpholinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)

11/815,269



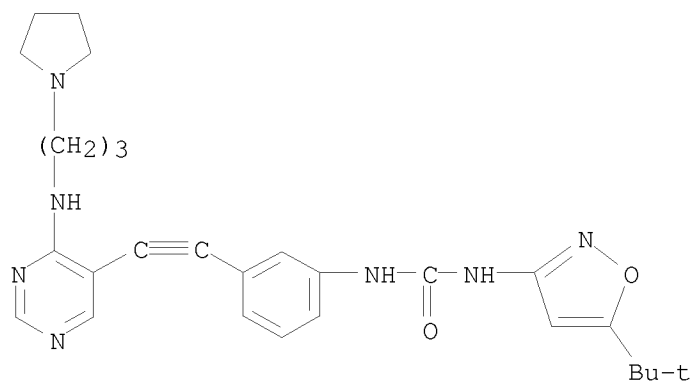
RN 857287-42-4 CAPLUS

CN Urea, N-[3-[2-[4-[(4-aminobutyl)amino]-5-pyrimidinyl]ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)



RN 857287-43-5 CAPLUS

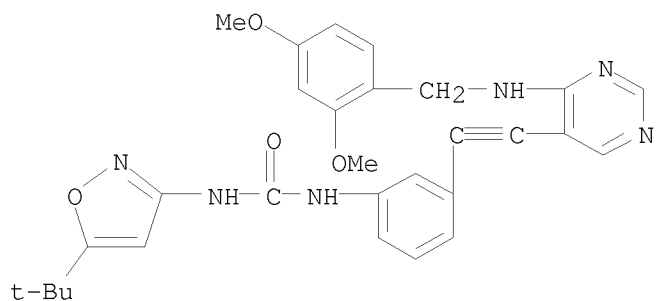
CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[4-[[3-(1-pyrrolidinyl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



RN 857287-44-6 CAPLUS

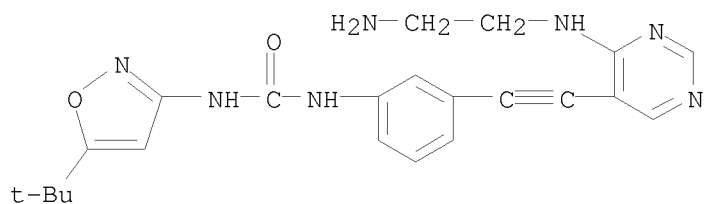
CN Urea, N-[3-[2-[4-[[2,4-dimethoxyphenyl)methyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)

11/815,269



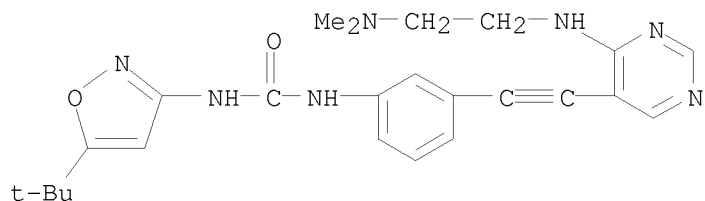
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CN Urea, N-[3-[2-[4-[(2-aminoethyl)amino]-5-pyrimidinyl]ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)



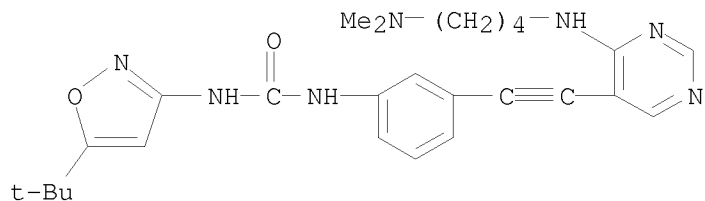
RN 857287-46-8 CAPLUS

CN Urea, N-[3-[2-[4-[[2-(dimethylamino)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)



RN 857287-47-9 CAPLUS

CN Urea, N-[3-[2-[4-[[4-(dimethylamino)butyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)

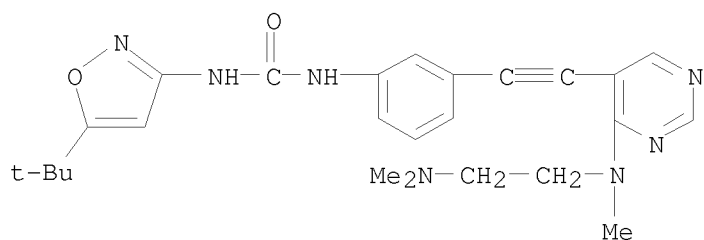


RN 857287-48-0 CAPLUS

CN Urea, N-[3-[2-[4-[[2-(dimethylamino)ethyl]methylamino]-5-pyrimidinyl]ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)

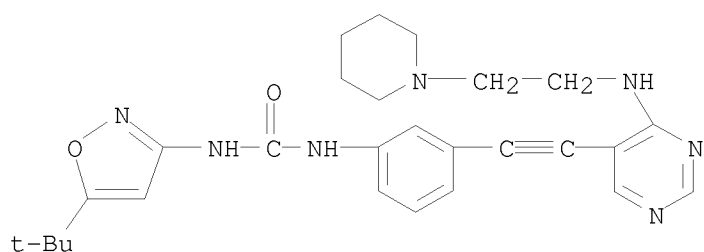
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INDEX NAME)



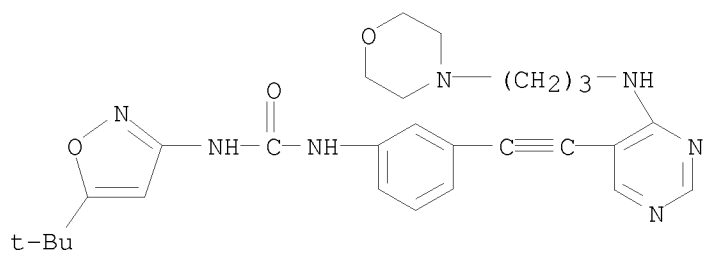
RN 857287-49-1 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[4-[[2-(1-piperidinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



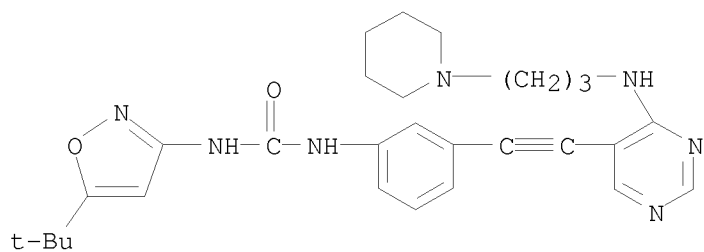
RN 857287-50-4 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[4-[[3-(4-morpholinyl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



RN 857287-51-5 CAPLUS

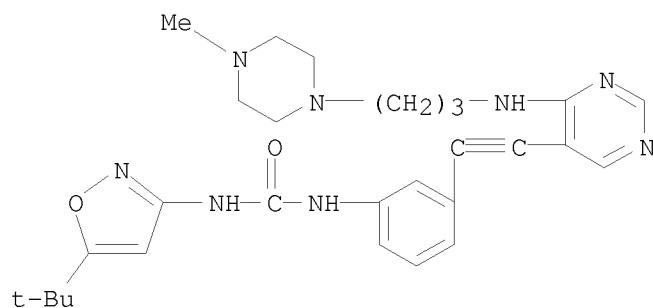
CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[4-[[3-(1-piperidinyl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



11/815,269

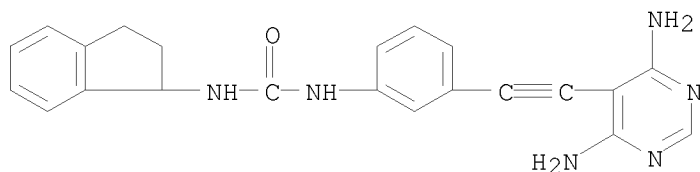
RN 857287-52-6 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[4-[[3-(4-methyl-1-piperazinyl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



RN 857287-57-1 CAPLUS

CN Urea, N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-N'-(2,3-dihydro-1H-inden-1-yl)- (CA INDEX NAME)



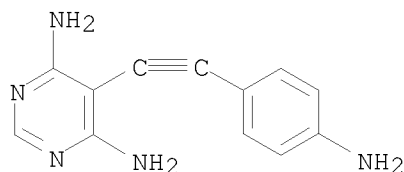
IT 857287-12-8, 5-[(4-Aminophenyl)ethynyl]pyrimidine-4,6-diamine

RL: RCT (Reactant); RACT (Reactant or reagent)

(preparation of aminopyrimidine derivs. as inhibitors of Tie2 receptor tyrosine kinases)

RN 857287-12-8 CAPLUS

CN 4,6-Pyrimidinediamine, 5-[2-(4-aminophenyl)ethynyl]- (CA INDEX NAME)



IT 857287-03-7P, 5-[(3-Aminophenyl)ethynyl]pyrimidine-4,6-diamine

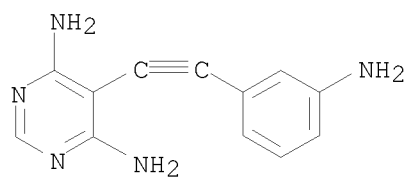
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of aminopyrimidine derivs. as inhibitors of Tie2 receptor tyrosine kinases)

RN 857287-03-7 CAPLUS

CN 4,6-Pyrimidinediamine, 5-[2-(3-aminophenyl)ethynyl]- (CA INDEX NAME)

11/815,269

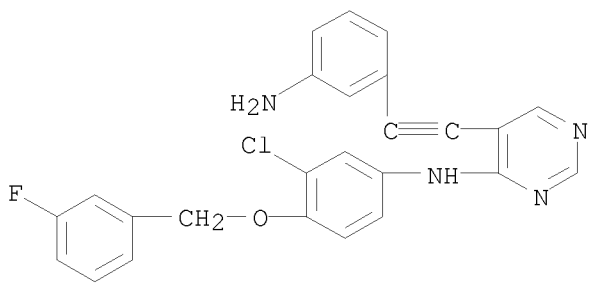


RE.CNT 3      THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 21 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 2005:158661 CAPLUS  
 DN 142:240460  
 TI Preparation of pyrimidine derivatives as ErbB kinase inhibitors  
 IN Reno, Michael John; Stevens, Kirk Lawrence; Waterson, Alex Gregory; Zhang, Yuemei  
 PA Smithkline Beecham Corporation, USA  
 SO PCT Int. Appl., 132 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

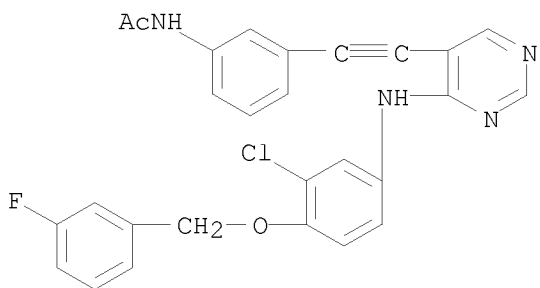
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	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
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	JP 2007502298	T	20070208	JP 2006-523388	20040811
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	WO 2004-US26251	W	20040811		
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	RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)				
	(drug candidate; preparation of pyrimidines as ErbB kinase inhibitors)				
RN	845657-38-7 CAPLUS				
CN	4-Pyrimidinamine, 5-[2-(3-aminophenyl)ethynyl]-N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]- (CA INDEX NAME)				

11/815,269



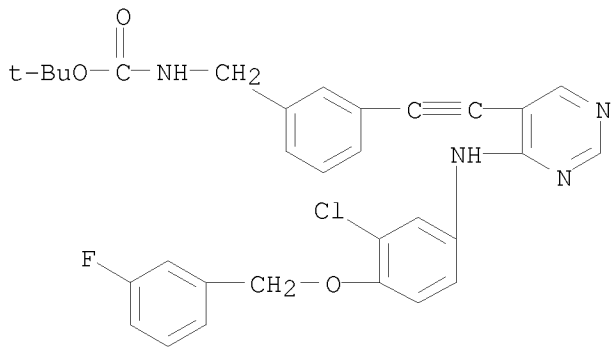
RN 845657-39-8 CAPLUS

CN Acetamide, N-[3-[2-[4-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



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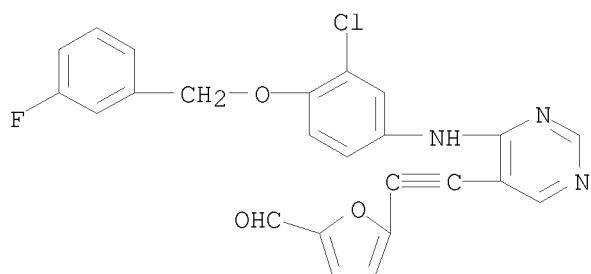
CN Carbamic acid, [[3-[[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]phenyl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 845657-55-8 CAPLUS

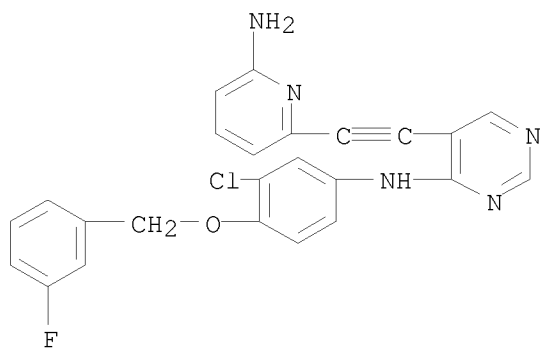
CN 2-Furancarboxaldehyde, 5-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]- (CA INDEX NAME)

11/815,269



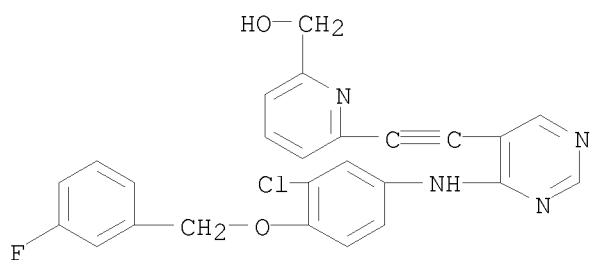
RN 845657-72-9 CAPLUS

CN 4-Pyrimidinamine, 5-[2-(6-amino-2-pyridinyl)ethynyl]-N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]- (CA INDEX NAME)



RN 845657-82-1 CAPLUS

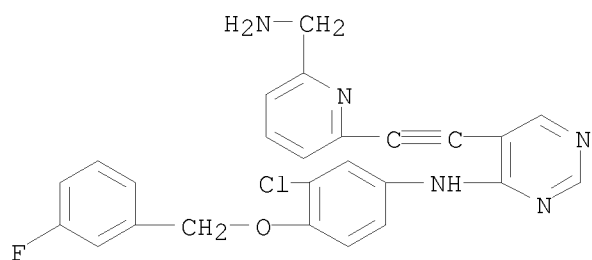
CN 2-Pyridinemethanol, 6-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]- (CA INDEX NAME)



RN 845658-03-9 CAPLUS

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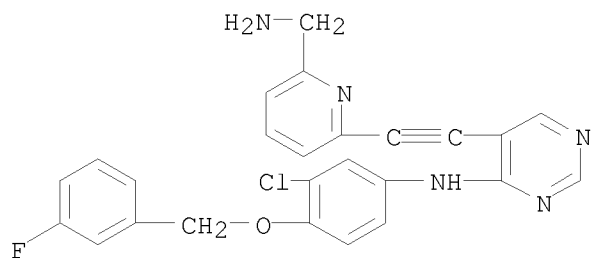
11/815,269



RN 845658-04-0 CAPLUS  
CN 4-Pyrimidinamine, 5-[2-[6-(aminomethyl)-2-pyridinyl]ethynyl]-N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-, 2,2,2-trifluoroacetate (1:2) (CA INDEX NAME)

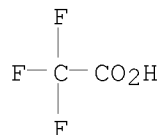
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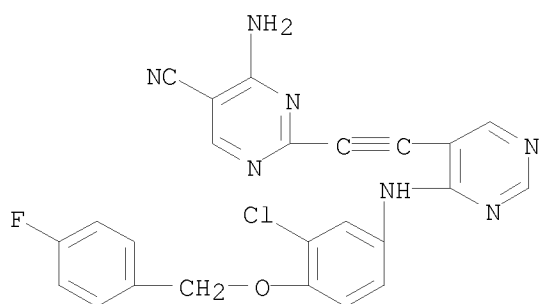


CM 2

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RN 845658-22-2 CAPLUS  
CN 5-Pyrimidinecarbonitrile, 4-amino-2-[2-[4-[[3-chloro-4-[(4-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]- (CA INDEX NAME)



IT 845657-23-0P, N-[3-Chloro-4-[(3-fluorobenzyl)oxy]phenyl]-5-[(pyridin-3-yl)ethynyl]pyrimidin-4-amine 845657-24-1P, N-[3-Chloro-4-[(3-fluorobenzyl)oxy]phenyl]-5-[(1-methyl-1H-imidazol-5-yl)ethynyl]pyrimidin-4-amine 845657-26-3P, N-[3-Chloro-4-[(3-fluorobenzyl)oxy]phenyl]-5-[(1H-pyrazol-4-yl)ethynyl]pyrimidin-4-amine 845657-27-4P, N-[3-Chloro-4-[(3-fluorobenzyl)oxy]phenyl]-5-[(pyrimidin-5-yl)ethynyl]pyrimidin-4-amine 845657-28-5P, N-[3-Chloro-4-[(3-fluorobenzyl)oxy]phenyl]-5-[(1,3-thiazol-2-yl)ethynyl]pyrimidin-4-amine 845657-30-9P, N-[3-Chloro-4-[(3-fluorobenzyl)oxy]phenyl]-5-[(thien-3-yl)ethynyl]pyrimidin-4-amine 845657-31-0P, N-[3-Chloro-4-[(3-fluorobenzyl)oxy]phenyl]-5-[[2-(morpholin-4-yl)pyrimidin-4-yl]ethynyl]pyrimidin-4-amine 845657-32-1P, N-[3-Chloro-4-[[3-(3-fluorophenyl)methyl]oxy]phenyl]-5-[(2-pyrimidinyl)ethynyl]-4-pyrimidinamine 845657-34-3P, 5-[(6-Amino-3-pyridinyl)ethynyl]-N-[3-chloro-4-[[3-(3-fluorophenyl)methyl]oxy]phenyl]-4-pyrimidinamine 845657-35-4P, N-[3-Chloro-4-[(3-fluorobenzyl)oxy]phenyl]-5-[(3-fluorophenyl)ethynyl]pyrimidin-4-amine 845657-36-5P, 4-[[4-[[3-Chloro-4-[(3-fluorobenzyl)oxy]phenyl]amino]pyrimidin-5-yl]ethynyl]phenol 845657-37-6P, N-[3-Chloro-4-[(3-fluorobenzyl)oxy]phenyl]-5-[(6-methoxypyridin-2-yl)ethynyl]pyrimidin-4-amine 845657-40-1P, N-[3-[[4-[[3-Chloro-4-[(3-fluorobenzyl)oxy]phenyl]amino]pyrimidin-5-yl]ethynyl]phenyl]ethanethioamide 845657-41-2P, 2-[[4-[[3-Chloro-4-[(3-fluorobenzyl)oxy]phenyl]amino]pyrimidin-5-yl]ethynyl]benzonitrile 845657-42-3P, 3-[[4-[[3-Chloro-4-[(3-fluorobenzyl)oxy]phenyl]amino]pyrimidin-5-yl]ethynyl]benzonitrile 845657-43-4P, 3-[[4-[[3-Chloro-4-[(3-fluorobenzyl)oxy]phenyl]amino]pyrimidin-5-yl]ethynyl]benzaldehyde 845657-45-6P, N-[3-Chloro-4-[(3-fluorobenzyl)oxy]phenyl]-5-(phenylethynyl)pyrimidin-4-ylamine 845657-47-8P, N-[3-Chloro-4-[(3-fluorobenzyl)oxy]phenyl]-5-[(pyridin-2-yl)ethynyl]pyrimidin-4-amine 845657-48-9P, 5-[[4-Aminophenyl]ethynyl]-N-[3-chloro-4-[(3-fluorobenzyl)oxy]phenyl]pyrimidin-4-amine 845657-49-0P, N-[3-[[4-[[3-Chloro-4-[(3-fluorobenzyl)oxy]phenyl]amino]pyrimidin-5-yl]ethynyl]phenyl]-3-(methylthio)propanamide 845657-50-3P, N-[3-Chloro-4-[(3-fluorobenzyl)oxy]phenyl]-5-[[1-[(4-methylphenyl)sulfonyl]-1H-indol-6-yl]ethynyl]pyrimidin-4-amine 845657-52-5P, N-[3-[[4-[[3-Chloro-4-[(3-fluorobenzyl)oxy]phenyl]amino]pyrimidin-5-yl]ethynyl]phenyl]guanidine 845657-53-6P, N-[3-[[4-[[3-Chloro-4-[(3-fluorobenzyl)oxy]phenyl]amino]pyrimidin-5-yl]ethynyl]benzyl]acetamide 845657-54-7P, N-[3-Chloro-4-[(3-fluorobenzyl)oxy]phenyl]-5-[[3-[[2-(methylsulfonyl)ethyl]amino]methyl]phenyl]ethynyl]pyrimidin-4-amine 845657-56-9P, 3-[[[5-[[4-[[3-Chloro-4-[(3-fluorobenzyl)oxy]phenyl]amino]pyrimidin-5-yl]ethynyl]-2-furyl]methyl]amino]propanenitrile 845657-57-0P,

[5-[[4-[[3-Chloro-4-[(3-fluorobenzyl)oxy]phenyl]amino]pyrimidin-5-yl]ethynyl]-2-furyl]methanol 845657-58-1P, [4-[[4-[[3-Chloro-4-[(3-fluorobenzyl)oxy]phenyl]amino]pyrimidin-5-yl]ethynyl]-1,3-thiazol-2-yl]methanol 845657-59-2P, N-[3-Chloro-4-[(3-fluorobenzyl)oxy]phenyl]-5-[(1,2,3,4-tetrahydroisoquinolin-7-yl)ethynyl]pyrimidin-4-amine 845657-61-6P, 2-[[4-[[3-Chloro-4-[(3-fluorobenzyl)oxy]phenyl]amino]pyrimidin-5-yl]ethynyl]benzaldehyde 845657-62-7P, N-[3-Chloro-4-[(3-fluorobenzyl)oxy]phenyl]-5-[[5-[[2-(methylsulfonyl)ethyl]amino]methyl]-2-furyl]ethynyl]pyrimidin-4-amine 845657-63-8P, N-[3-[[4-[[3-Chloro-4-[(3-fluorobenzyl)oxy]phenyl]amino]pyrimidin-5-yl]ethynyl]phenyl]-2-(2-methoxyethoxy)acetamide 845657-64-9P, N-[3-[[4-[(2-Benzyl-1H-benzimidazol-5-yl)amino]pyrimidin-5-yl]ethynyl]phenyl]acetamide 845657-65-0P, N1-[3-[[4-[[3-Chloro-4-[(3-fluorobenzyl)oxy]phenyl]amino]pyrimidin-5-yl]ethynyl]phenyl]-β-alaninamide 845657-66-1P, N-[3-[[4-[[3-Chloro-4-[(3-fluorobenzyl)oxy]phenyl]amino]pyrimidin-5-yl]ethynyl]phenyl]-2-(methylsulfonyl)acetamide 845657-67-2P, N-[3-[[4-[(4-Benzylphenyl)amino]pyrimidin-5-yl]ethynyl]phenyl]acetamide 845657-68-3P, N-[3-[[4-[(4-Phenoxyphenyl)amino]pyrimidin-5-yl]ethynyl]phenyl]acetamide 845657-69-4P, N-[3-[[4-[(1-Benzyl-1H-indazol-5-yl)amino]pyrimidin-5-yl]ethynyl]phenyl]acetamide 845657-70-7P, 1-Benzyl-N-[5-(phenylethynyl)pyrimidin-4-yl]-1H-indol-5-amine 845657-74-1P, N-[6-[2-[4-[3-Chloro-4-[(3-fluorobenzyl)oxy]anilino]pyrimidin-5-yl]ethynyl]pyridin-2-yl]acetamide 845657-76-3P, 2-Chloro-N-[6-[[4-[3-chloro-4-[(3-fluorobenzyl)oxy]anilino]-5-pyrimidinyl]ethynyl]-2,2-difluoroacetamide 845657-77-4P, N-[6-[[4-[3-Chloro-4-[(3-fluorobenzyl)oxy]anilino]-5-pyrimidinyl]ethynyl]-2-pyridinyl]-4-(dimethylamino)butanamide 845657-78-5P, Methyl 4-[[6-[[4-[3-chloro-4-[(3-fluorobenzyl)oxy]anilino]-5-pyrimidinyl]ethynyl]-2-pyridinyl]amino]-4-oxobutanoate 845657-80-9P, N-[3-Chloro-4-[(3-fluorobenzyl)oxy]phenyl]-5-[[6-[[2-(methylsulfonyl)ethyl]amino]-2-pyridinyl]ethynyl]-4-pyrimidinamine 845657-84-3P, 2-[[[6-[[4-[3-Chloro-4-[(3-fluorobenzyl)oxy]anilino]-5-pyrimidinyl]ethynyl]-2-pyridinyl]methyl](methyl)amino]ethanol 845657-85-4P, 3-[[[6-[[4-[3-Chloro-4-[(3-fluorobenzyl)oxy]anilino]-5-pyrimidinyl]ethynyl]-2-pyridinyl]methyl]amino]propanenitrile 845657-86-5P, N-[3-Chloro-4-[(3-fluorobenzyl)oxy]phenyl]-5-[[6-[[[2-(4-morpholinyl)ethyl]amino]methyl]-2-pyridinyl]ethynyl]-4-pyrimidinamine 845657-88-7P, N-[2-[[[6-[2-[4-[3-Chloro-4-[(3-fluorobenzyl)oxy]anilino]-5-pyrimidinyl]ethynyl]-2-pyridinyl]methyl]amino]ethyl]acetamide 845657-90-1P, N-[3-Chloro-4-[(3-fluorobenzyl)oxy]phenyl]-5-[[6-[[[3-(1H-imidazol-1-yl)propyl]amino]methyl]-2-pyridinyl]ethynyl]-4-pyrimidinamine 845657-92-3P, N-[3-Chloro-4-[(3-fluorobenzyl)oxy]phenyl]-5-[[6-[(methylamino)methyl]pyridin-2-yl]ethynyl]-4-pyrimidinamine 845657-94-5P, N-[3-Chloro-4-[(3-fluorobenzyl)oxy]phenyl]-5-[[6-(methoxymethyl)-2-pyridinyl]ethynyl]-4-pyrimidinamine 845657-95-6P, N-[3-Chloro-4-[(3-fluorobenzyl)oxy]phenyl]-5-[[2-(methylsulfonyl)-4-pyrimidinyl]ethynyl]-4-pyrimidinamine 845657-97-8P, N-[3-Chloro-4-[(3-fluorobenzyl)oxy]phenyl]-5-[[6-[(dimethylamino)methyl]-2-pyridinyl]ethynyl]-4-pyrimidinamine 845657-98-9P, N-Benzyl-N-[6-[[4-[3-chloro-4-[(3-fluorobenzyl)oxy]anilino]-5-pyrimidinyl]ethynyl]-2-pyridinyl]methyl]amine 845658-00-6P, N-[3-Chloro-4-[(3-fluorobenzyl)oxy]phenyl]-5-[[6-[[2-methoxyethyl]amino]methyl]-2-pyridinyl]ethynyl]-4-pyrimidinamine 845658-05-1P, 1-[[6-[[4-[3-Chloro-4-[(3-fluorobenzyl)oxy]anilino]-5-pyrimidinyl]ethynyl]-2-pyridinyl]methyl]-3-(2-cyanoethyl)urea 845658-07-3P, 3-[[6-[[4-[3-Chloro-4-[(3-fluorobenzyl)oxy]anilino]-

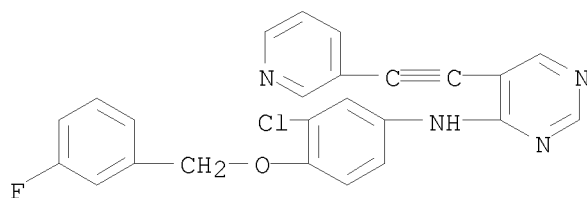
5-pyrimidinyl]ethynyl]-2-pyridinyl]methyl]-1-(2-hydroxyethyl)-1-methylurea  
 845658-08-4P, 1-[[6-[[4-[3-Chloro-4-[(3-fluorobenzyl)oxy]anilino]-  
 5-pyrimidinyl]ethynyl]-2-pyridinyl]methyl]-3-[2-(methylsulfonyl)ethyl]urea  
 845658-10-8P, 1-[[6-[[4-[3-Chloro-4-[(3-fluorobenzyl)oxy]anilino]-  
 5-pyrimidinyl]ethynyl]-2-pyridinyl]methyl]-3-[2-(4-morpholinyl)ethyl]urea  
 845658-12-0P, 1-[[6-[[4-[3-Chloro-4-[(3-fluorobenzyl)oxy]anilino]-  
 5-pyrimidinyl]ethynyl]-2-pyridinyl]methyl]-3-methylurea  
 845658-14-2P, 1-[[6-[[4-[3-Chloro-4-[(3-fluorobenzyl)oxy]anilino]-  
 5-pyrimidinyl]ethynyl]-2-pyridinyl]methyl]-3-(2-methoxyethyl)urea  
 845658-15-3P, N-[3-Chloro-4-[(3-fluorobenzyl)oxy]phenyl]-5-[[6-[(1-  
 piperidinyl)methyl]-2-pyridinyl]ethynyl]-4-pyrimidinamine  
 845658-16-4P, N-[3-Chloro-4-[(3-fluorobenzyl)oxy]phenyl]-5-[[6-[(4-  
 methyl-1-piperazinyl)methyl]-2-pyridinyl]ethynyl]-4-pyrimidinamine  
 845658-18-6P, N-[3-Chloro-4-[(3-fluorobenzyl)oxy]phenyl]-5-[[6-[(4-  
 morpholinyl)methyl]-2-pyridinyl]ethynyl]-4-pyrimidinamine  
 845658-19-7P, N-[3-Chloro-4-[(3-fluorobenzyl)oxy]phenyl]-5-[[6-[(1-  
 pyrrolidinyl)methyl]-2-pyridinyl]ethynyl]-4-pyrimidinamine  
 845658-20-0P, N-[3-Chloro-4-[(3-fluorobenzyl)oxy]phenyl]-5-[[6-[(1-  
 piperazinyl)methyl]-2-pyridinyl]ethynyl]-4-pyrimidinamine  
 845658-24-4P, 2-[[4-[[3-Chloro-4-[(3-fluorobenzyl)oxy]phenyl]amino  
 ]pyrimidin-5-yl]ethynyl]-4-[[2-(methylsulfonyl)ethyl]amino]pyrimidine-5-  
 carbonitrile 845658-25-5P, 4-[[4-[[3-Chloro-4-[(3-  
 fluorobenzyl)oxy]phenyl]amino]pyrimidin-5-yl]ethynyl]pyrimidin-2-amine  
 845658-26-6P, N-[6-[[4-[[3-Chloro-4-[(3-  
 fluorobenzyl)oxy]phenyl]amino]pyrimidin-5-yl]ethynyl]pyridin-2-yl]-2,2,2-  
 trifluoroacetamide 845658-30-2P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU  
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES  
 (Uses)

(drug candidate; preparation of pyrimidines as ErB kinase inhibitors)

RN 845657-23-0 CAPLUS

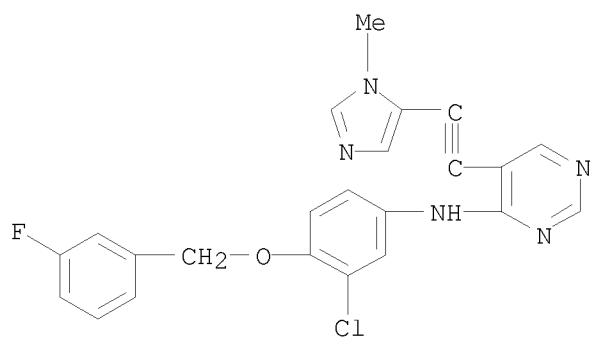
CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-(3-  
 pyridinyl)ethynyl]- (CA INDEX NAME)



RN 845657-24-1 CAPLUS

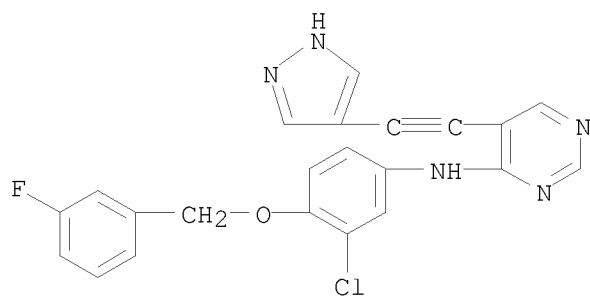
CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-(1-  
 methyl-1H-imidazol-5-yl)ethynyl]- (CA INDEX NAME)

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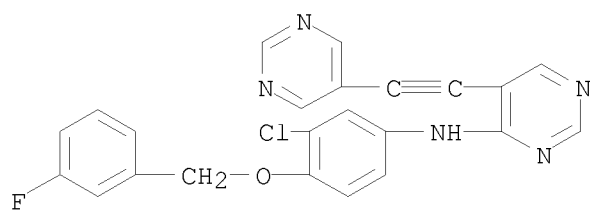
RN 845657-26-3 CAPLUS

CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-(1H-pyrazol-4-yl)ethynyl]- (CA INDEX NAME)



RN 845657-27-4 CAPLUS

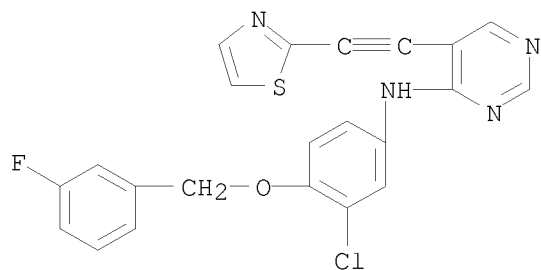
CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-(5-pyrimidinyl)ethynyl]- (CA INDEX NAME)



RN 845657-28-5 CAPLUS

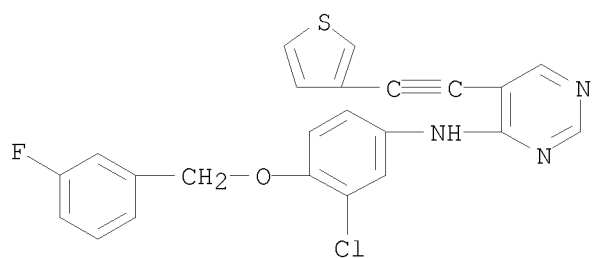
CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-(2-thiazolyl)ethynyl]- (CA INDEX NAME)

11/815,269



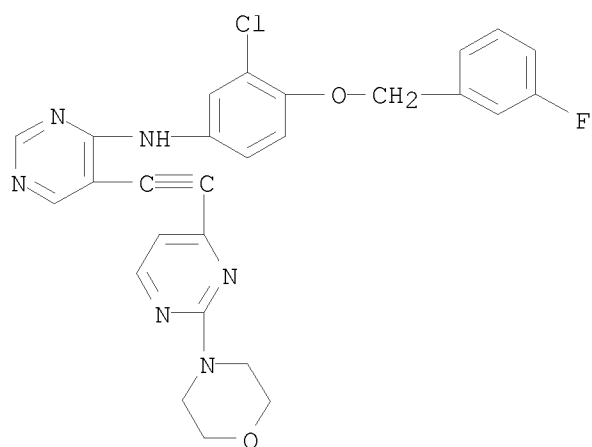
RN 845657-30-9 CAPLUS

CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-(3-thienyl)ethynyl]- (CA INDEX NAME)



RN 845657-31-0 CAPLUS

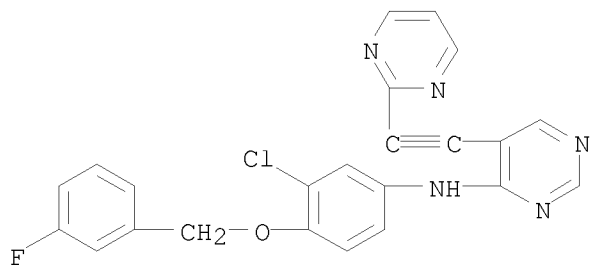
CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-[2-(4-morpholinyl)-4-pyrimidinyl]ethynyl]- (CA INDEX NAME)



RN 845657-32-1 CAPLUS

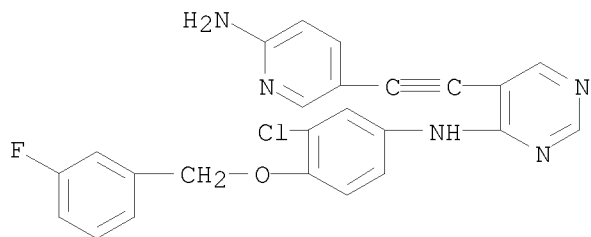
CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-(2-pyrimidinyl)ethynyl]- (CA INDEX NAME)

11/815,269



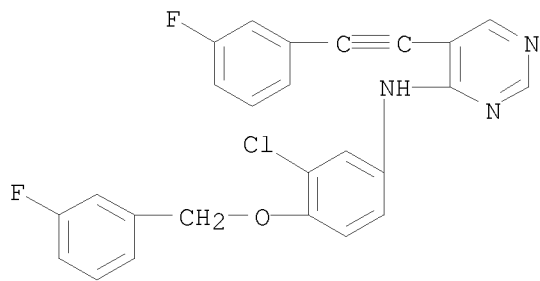
RN 845657-34-3 CAPLUS

CN 4-Pyrimidinamine, 5-[2-(6-amino-3-pyridinyl)ethynyl]-N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]- (CA INDEX NAME)



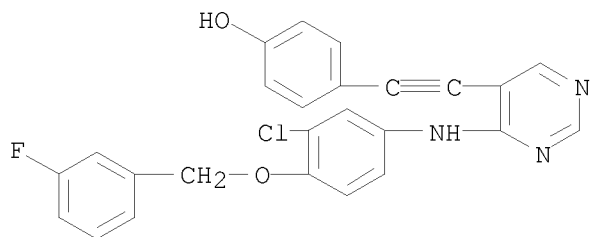
RN 845657-35-4 CAPLUS

CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-(3-fluorophenyl)ethynyl]- (CA INDEX NAME)



RN 845657-36-5 CAPLUS

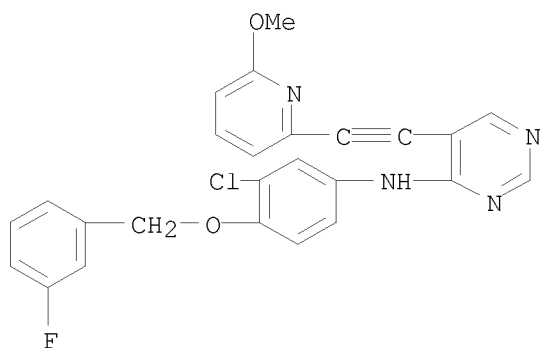
CN Phenol, 4-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]- (CA INDEX NAME)



RN 845657-37-6 CAPLUS

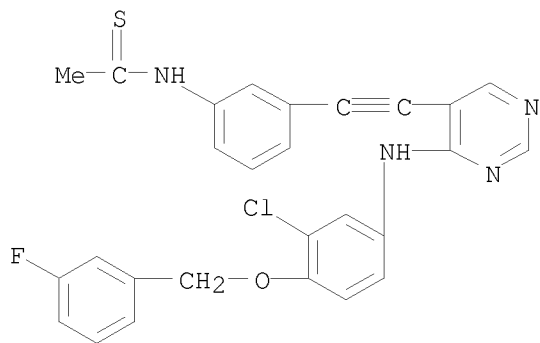
11/815,269

CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-(6-methoxy-2-pyridinyl)ethynyl]- (CA INDEX NAME)



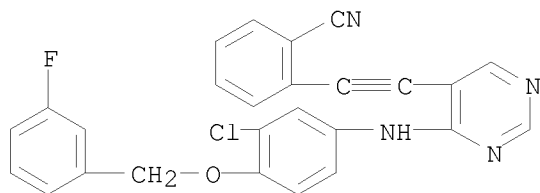
RN 845657-40-1 CAPLUS

CN Ethanethioamide, N-[3-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



RN 845657-41-2 CAPLUS

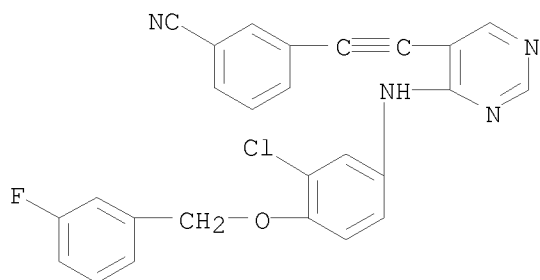
CN Benzonitrile, 2-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]- (CA INDEX NAME)



RN 845657-42-3 CAPLUS

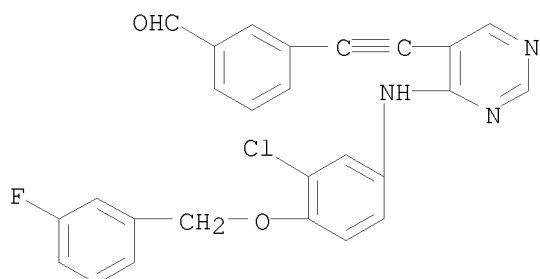
CN Benzonitrile, 3-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]- (CA INDEX NAME)

11/815,269



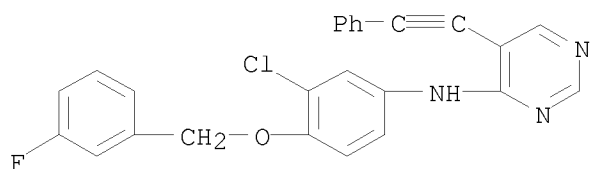
RN 845657-43-4 CAPLUS

CN Benzaldehyde, 3-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]- (CA INDEX NAME)



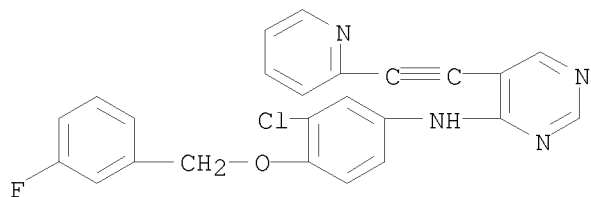
RN 845657-45-6 CAPLUS

CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-(2-phenylethynyl)- (CA INDEX NAME)



RN 845657-47-8 CAPLUS

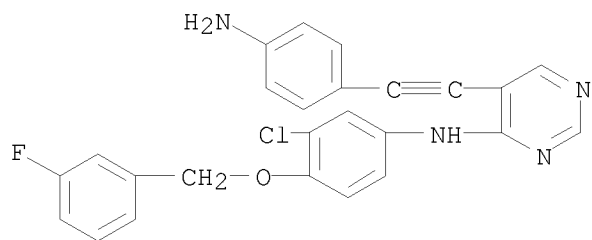
CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-(2-pyridinyl)ethynyl]- (CA INDEX NAME)



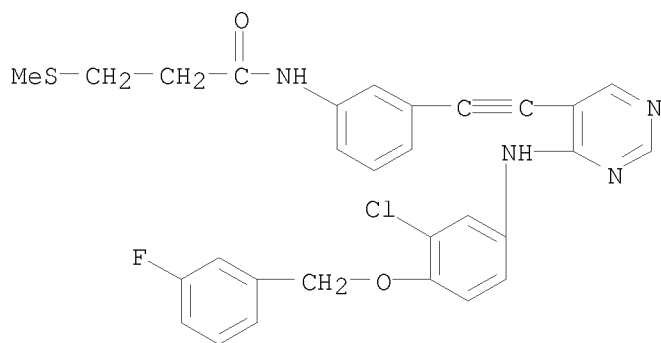
RN 845657-48-9 CAPLUS

CN 4-Pyrimidinamine, 5-[2-(4-aminophenyl)ethynyl]-N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]- (CA INDEX NAME)

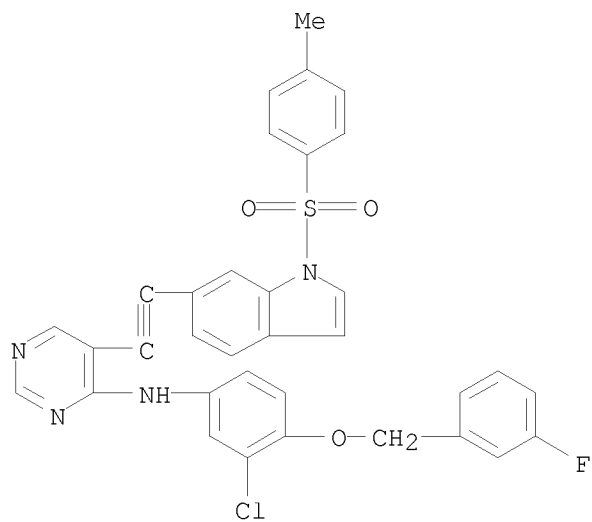
11/815,269



RN 845657-49-0 CAPLUS  
 CN Propanamide, N-[3-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-3-(methylthio)- (CA INDEX NAME)

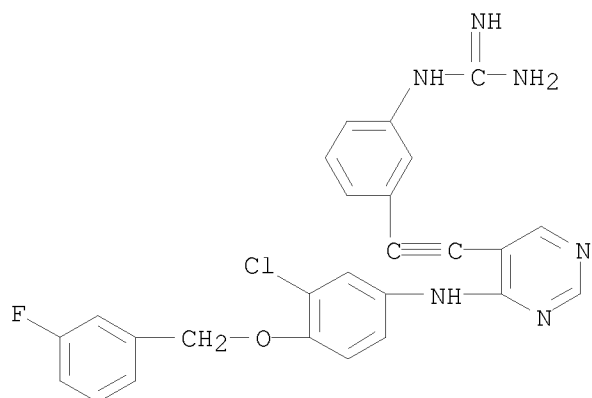


RN 845657-50-3 CAPLUS  
 CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-[1-[(4-methylphenyl)sulfonyl]-1H-indol-6-yl]ethynyl]- (CA INDEX NAME)



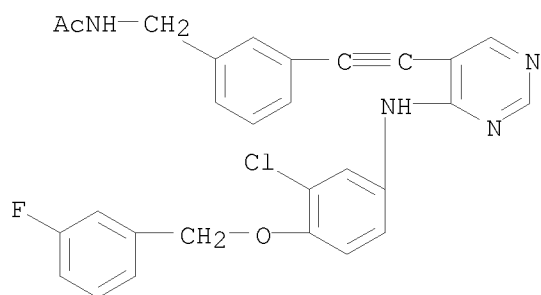
RN 845657-52-5 CAPLUS  
 CN Guanidine, N-[3-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)

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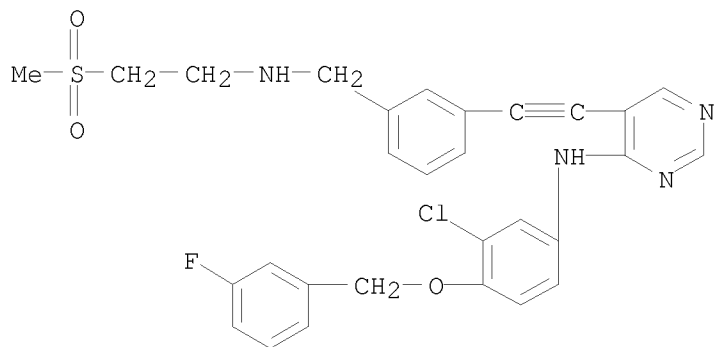
RN 845657-53-6 CAPLUS

CN Acetamide, N-[3-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]phenyl]methyl]- (CA INDEX NAME)



RN 845657-54-7 CAPLUS

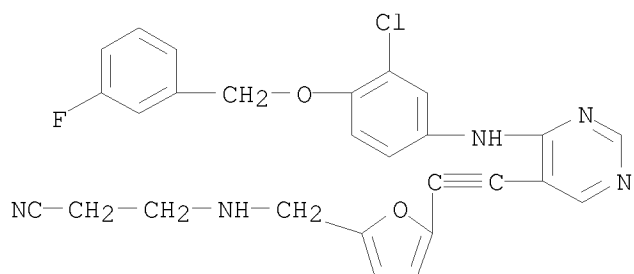
CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-[3-[[[2-(methylsulfonyl)ethyl]amino]methyl]phenyl]ethynyl]- (CA INDEX NAME)



RN 845657-56-9 CAPLUS

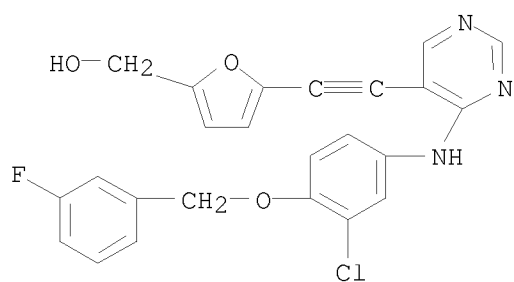
CN Propanenitrile, 3-[[[5-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]-2-furanyl]methyl]amino]- (CA INDEX NAME)

11/815,269



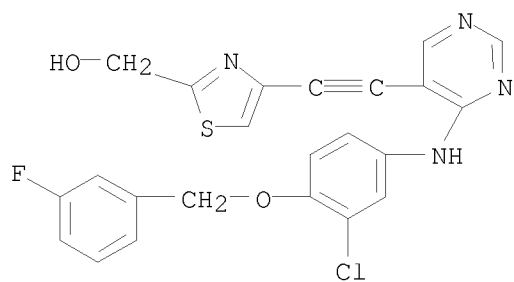
RN 845657-57-0 CAPLUS

CN 2-Furanmethanol, 5-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]- (CA INDEX NAME)



RN 845657-58-1 CAPLUS

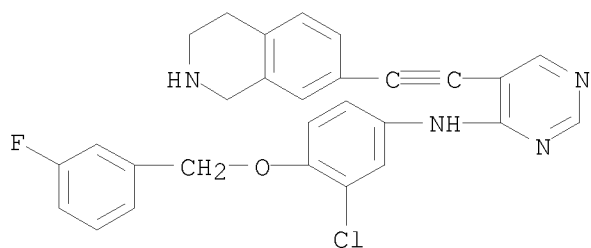
CN 2-Thiazolemethanol, 4-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]- (CA INDEX NAME)



RN 845657-59-2 CAPLUS

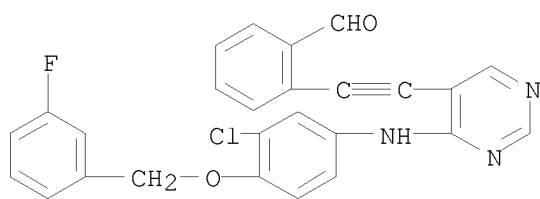
CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-(1,2,3,4-tetrahydro-7-isoquinolinyl)ethynyl]- (CA INDEX NAME)

11/815,269



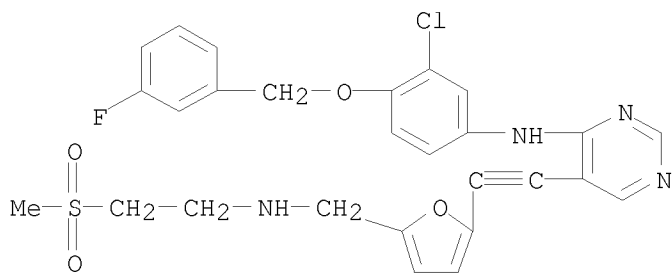
RN 845657-61-6 CAPLUS

CN Benzaldehyde, 2-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]- (CA INDEX NAME)



RN 845657-62-7 CAPLUS

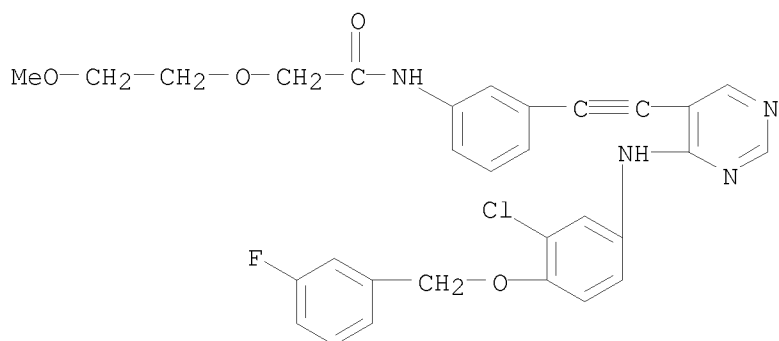
CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-[5-[[[2-(methylsulfonyl)ethyl]amino]methyl]-2-furanyl]ethynyl]- (CA INDEX NAME)



RN 845657-63-8 CAPLUS

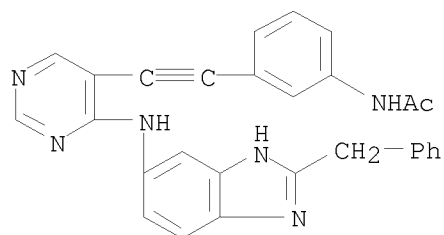
CN Acetamide, N-[3-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-2-(2-methoxyethoxy)- (CA INDEX NAME)

11/815,269



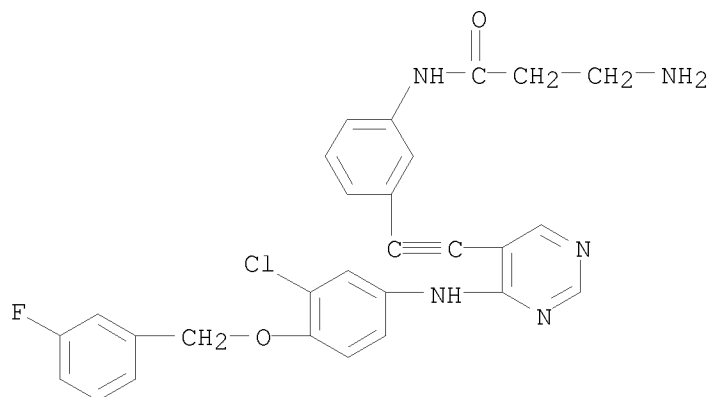
RN 845657-64-9 CAPLUS

CN Acetamide, N-[3-[2-[4-[[2-(phenylmethyl)-1H-benzimidazol-6-yl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



RN 845657-65-0 CAPLUS

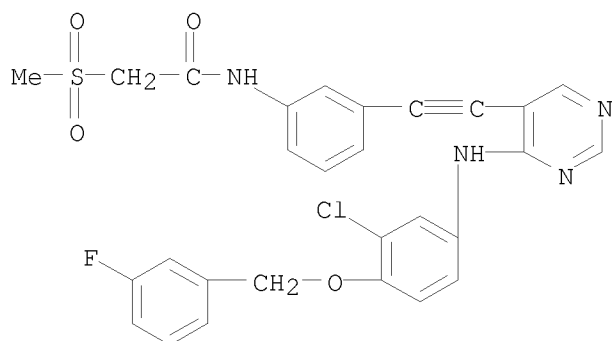
CN Propanamide, 3-amino-N-[3-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



RN 845657-66-1 CAPLUS

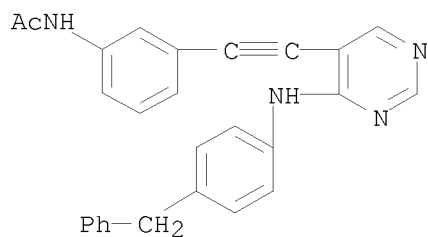
CN Acetamide, N-[3-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-2-(methylsulfonyl)- (CA INDEX NAME)

11/815,269



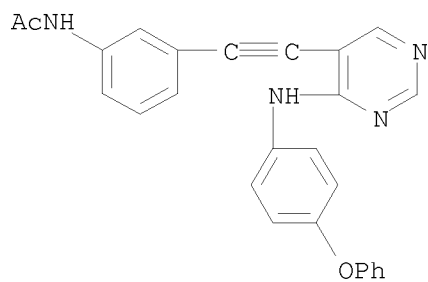
RN 845657-67-2 CAPLUS

CN Acetamide, N-[3-[2-[4-[[4-(phenylmethyl)phenyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



RN 845657-68-3 CAPLUS

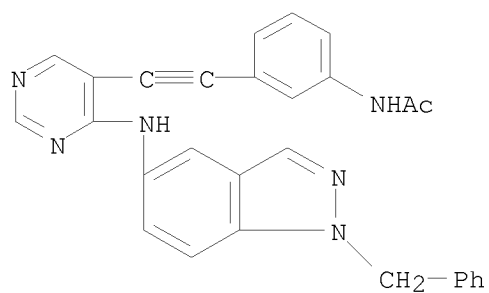
CN Acetamide, N-[3-[2-[4-[[4-(phenoxyphenyl)amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



RN 845657-69-4 CAPLUS

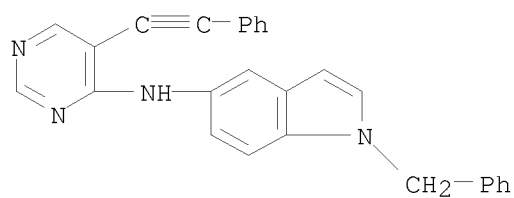
CN Acetamide, N-[3-[2-[4-[[1-(phenylmethyl)-1H-indazol-5-yl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)

11/815,269



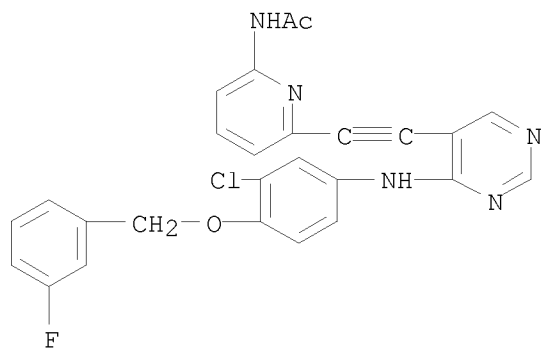
RN 845657-70-7 CAPLUS

CN 1H-Indol-5-amine, N-[5-(2-phenylethynyl)-4-pyrimidinyl]-1-(phenylmethyl)-  
(CA INDEX NAME)



RN 845657-74-1 CAPLUS

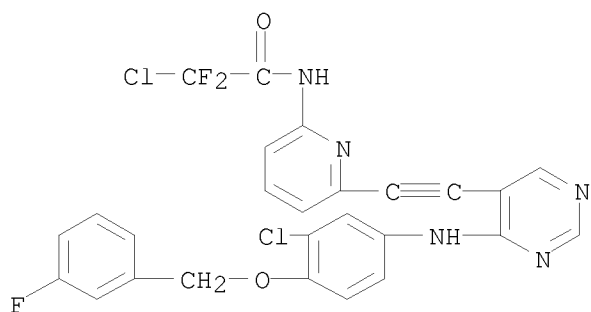
CN Acetamide, N-[6-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]-2-pyridinyl]-  
(CA INDEX NAME)



RN 845657-76-3 CAPLUS

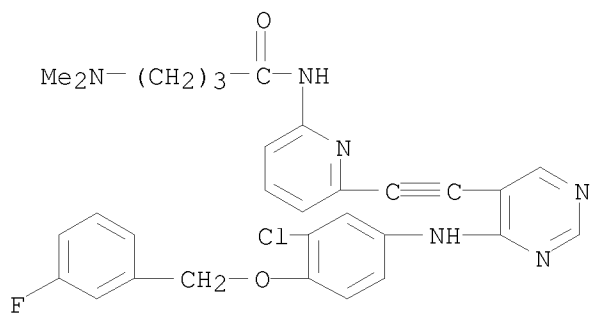
CN Acetamide, 2-chloro-N-[6-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]-2-pyridinyl]-2,2-difluoro-  
(CA INDEX NAME)

11/815,269



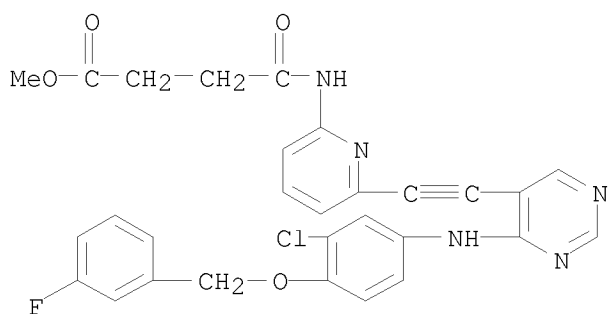
RN 845657-77-4 CAPLUS

CN Butanamide, N-[6-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]-2-pyridinyl]-4-(dimethylamino)- (CA INDEX NAME)



RN 845657-78-5 CAPLUS

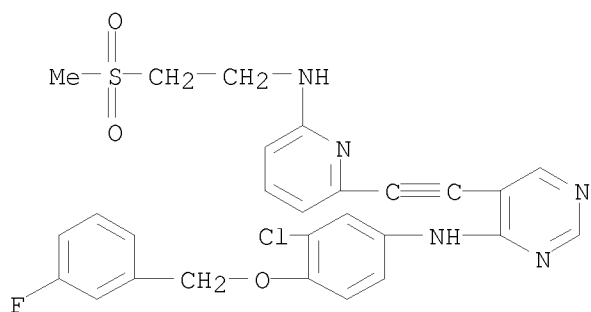
CN Butanoic acid, 4-[[6-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]-2-pyridinyl]amino]-4-oxo-, methyl ester (CA INDEX NAME)



RN 845657-80-9 CAPLUS

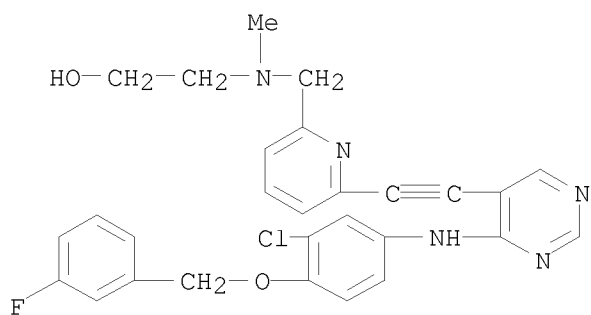
CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-[6-[[2-(methylsulfonyl)ethyl]amino]-2-pyridinyl]ethynyl]- (CA INDEX NAME)

11/815,269



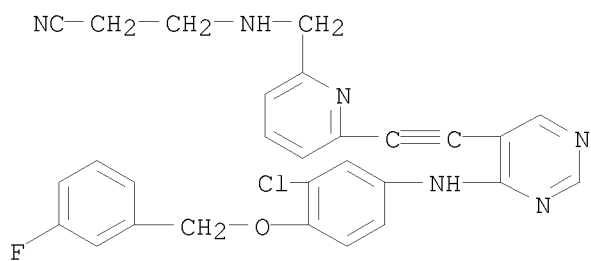
RN 845657-84-3 CAPLUS

CN Ethanol, 2-[[[6-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]-2-pyridinyl]methyl]methylamino]- (CA INDEX NAME)



RN 845657-85-4 CAPLUS

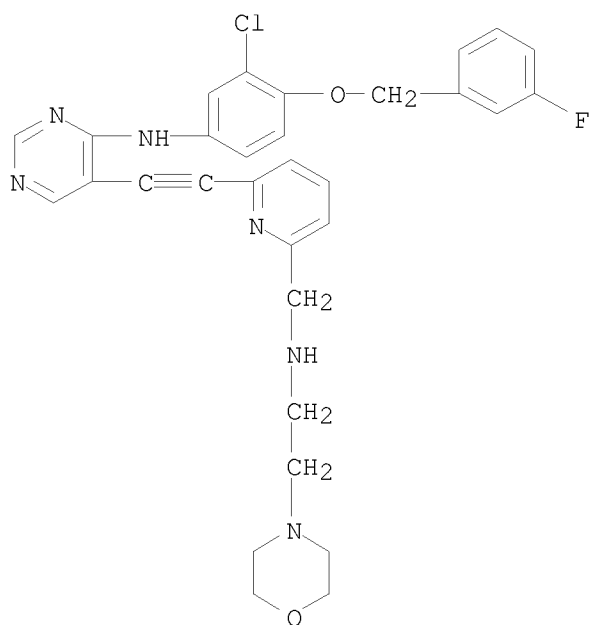
CN Propanenitrile, 3-[[[6-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]-2-pyridinyl]methyl]amino]- (CA INDEX NAME)



RN 845657-86-5 CAPLUS

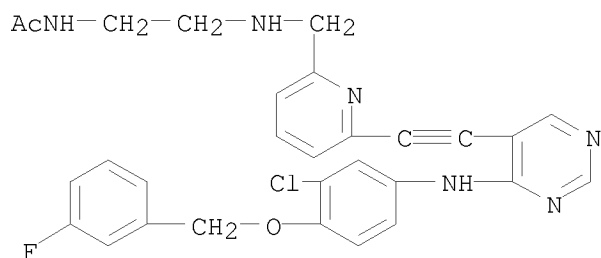
CN 4-Morpholineethanamine, N-[[[6-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]-2-pyridinyl]methyl]- (CA INDEX NAME)

11/815,269



RN 845657-88-7 CAPLUS

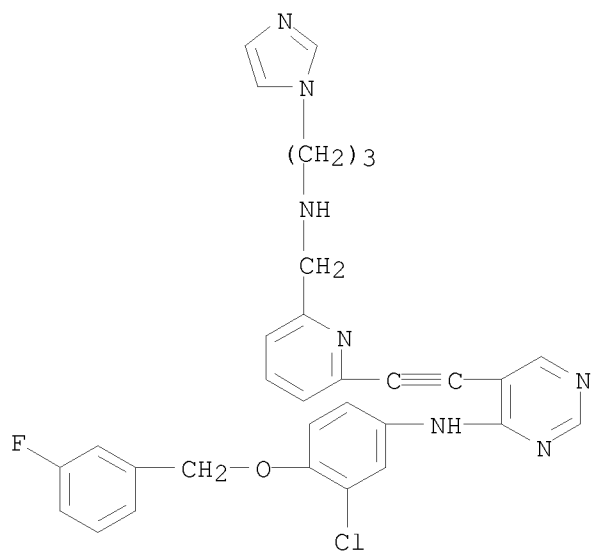
CN Acetamide, N-[2-[[[6-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]-2-pyridinyl]methyl]amino]ethyl]- (CA INDEX NAME)



RN 845657-90-1 CAPLUS

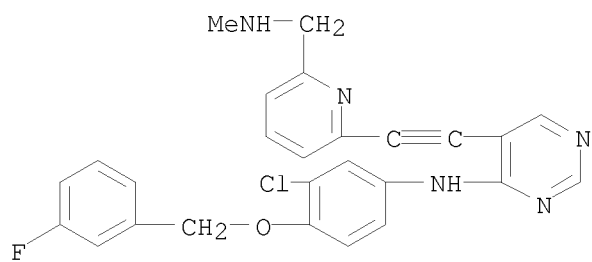
CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-[6-[[[3-(1H-imidazol-1-yl)propyl]amino]methyl]-2-pyridinyl]ethynyl]- (CA INDEX NAME)

11/815,269



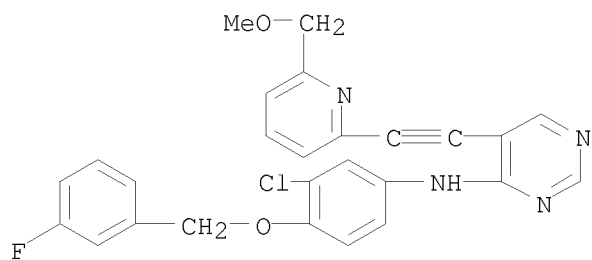
RN 845657-92-3 CAPLUS

CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-[6-[(methylamino)methyl]-2-pyridinyl]ethynyl]- (CA INDEX NAME)



RN 845657-94-5 CAPLUS

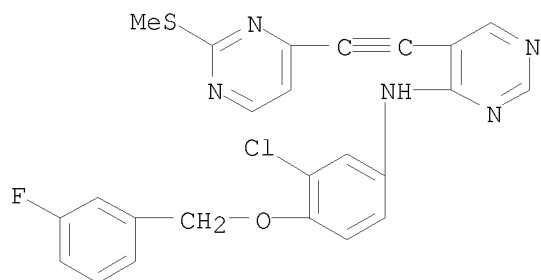
CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-[6-(methoxymethyl)-2-pyridinyl]ethynyl]- (CA INDEX NAME)



RN 845657-95-6 CAPLUS

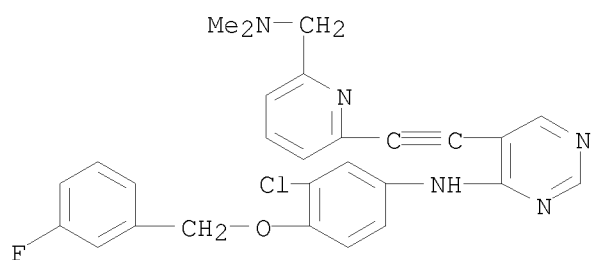
CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-[2-(methylthio)-4-pyrimidinyl]ethynyl]- (CA INDEX NAME)

11/815,269



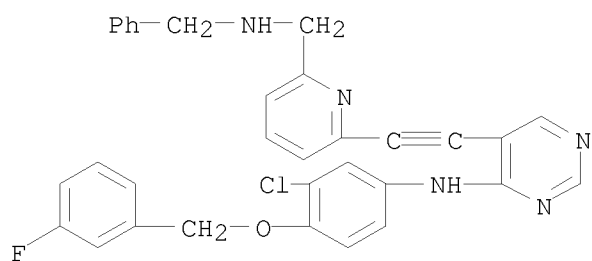
RN 845657-97-8 CAPLUS

CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-[6-[(dimethylamino)methyl]-2-pyridinyl]ethynyl]- (CA INDEX NAME)



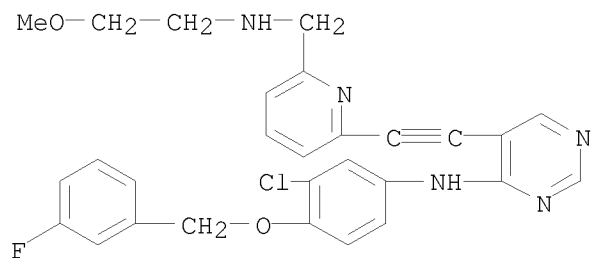
RN 845657-98-9 CAPLUS

CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-[6-[(phenylmethyl)amino]methyl]-2-pyridinyl]ethynyl]- (CA INDEX NAME)



RN 845658-00-6 CAPLUS

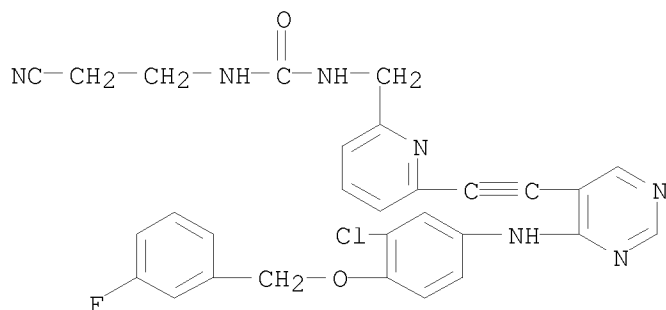
CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-[6-[(2-methoxyethyl)amino]methyl]-2-pyridinyl]ethynyl]- (CA INDEX NAME)



11/815,269

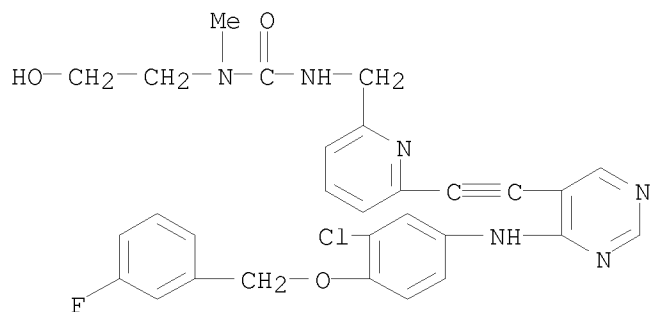
RN 845658-05-1 CAPLUS

CN Urea, N-[[6-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]-2-pyridinyl]methyl]-N'-(2-cyanoethyl)- (CA INDEX NAME)



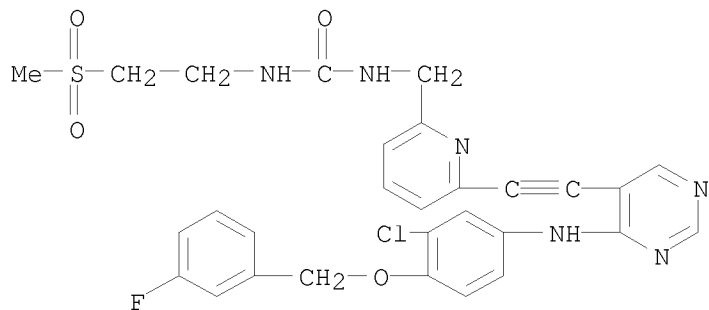
RN 845658-07-3 CAPLUS

CN Urea, N'-[[6-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]-2-pyridinyl]methyl]-N-(2-hydroxyethyl)-N-methyl- (CA INDEX NAME)



RN 845658-08-4 CAPLUS

CN Urea, N-[[6-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]-2-pyridinyl]methyl]-N'-[2-(methylsulfonyl)ethyl]- (CA INDEX NAME)



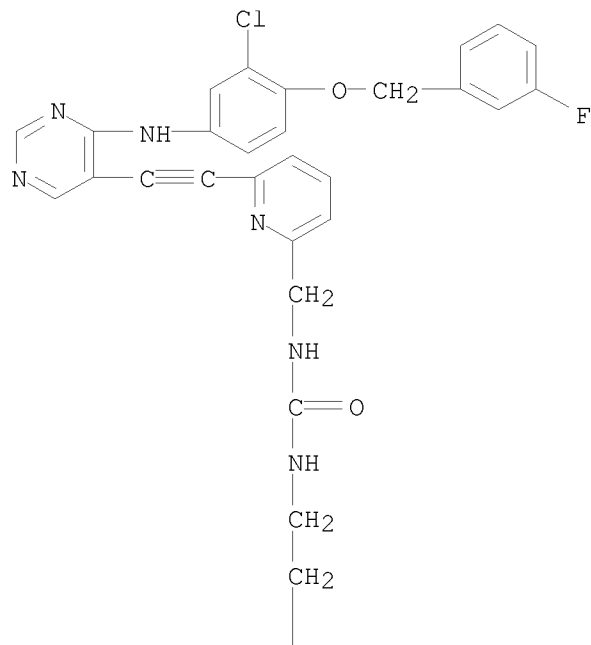
RN 845658-10-8 CAPLUS

CN Urea, N-[[6-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-

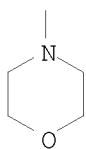
11/815,269

pyrimidinyl]ethynyl]-2-pyridinyl]methyl]-N'-[2-(4-morpholinyl)ethyl]- (CA  
INDEX NAME)

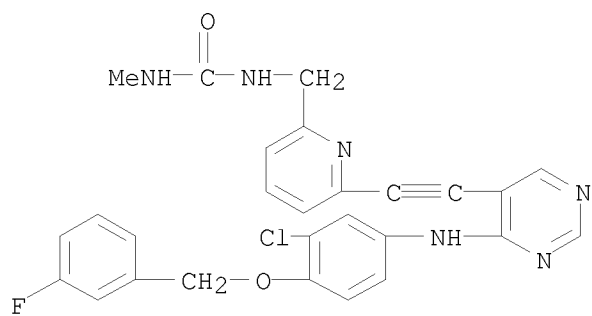
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PAGE 2-A



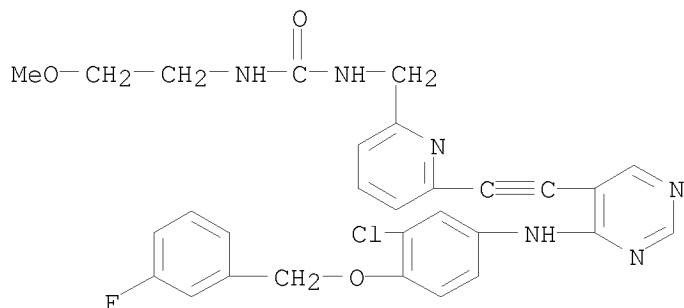
RN 845658-12-0 CAPLUS  
CN Urea, N-[[6-[2-[4-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-  
pyrimidinyl]ethynyl]-2-pyridinyl]methyl]-N'-methyl- (CA INDEX NAME)



RN 845658-14-2 CAPLUS

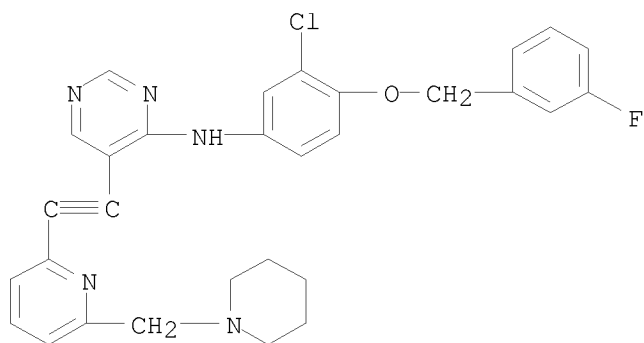
11/815,269

CN Urea, N-[[6-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]-2-pyridinyl]methyl]-N'-(2-methoxyethyl)- (CA INDEX NAME)



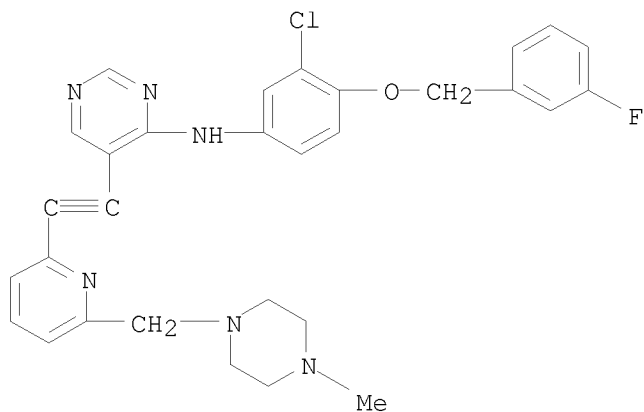
RN 845658-15-3 CAPLUS

CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-[6-(1-piperidinylmethyl)-2-pyridinyl]ethynyl]- (CA INDEX NAME)



RN 845658-16-4 CAPLUS

CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-[6-[(4-methyl-1-piperazinyl)methyl]-2-pyridinyl]ethynyl]- (CA INDEX NAME)

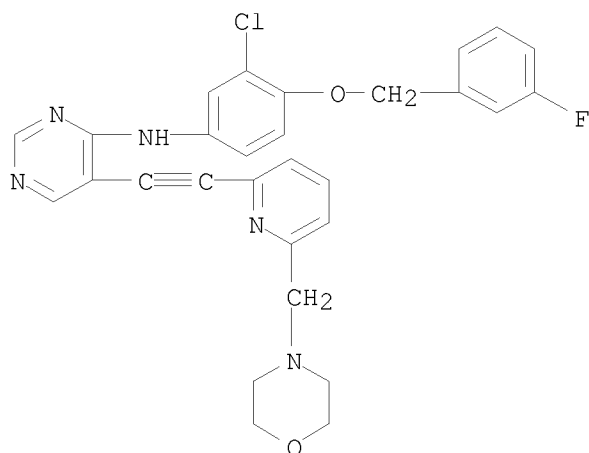


RN 845658-18-6 CAPLUS

CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-[6-

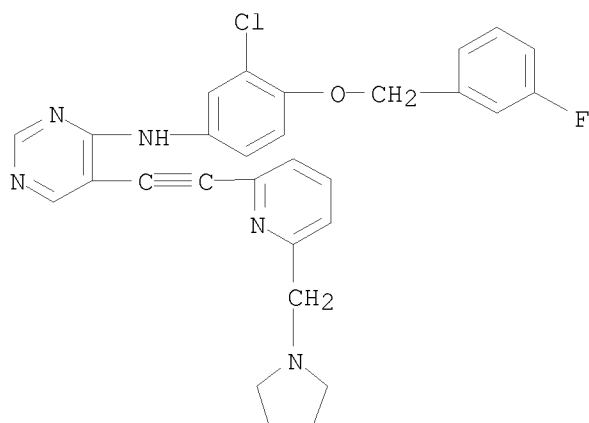
11/815,269

(4-morpholinylmethyl)-2-pyridinyl]ethynyl]- (CA INDEX NAME)



RN 845658-19-7 CAPLUS

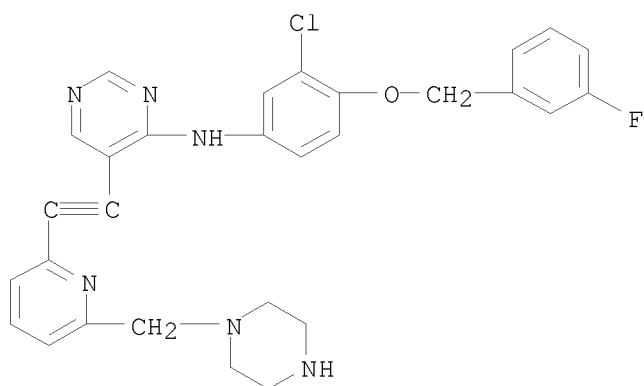
CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-[6-(1-pyrrolidinylmethyl)-2-pyridinyl]ethynyl]- (CA INDEX NAME)



RN 845658-20-0 CAPLUS

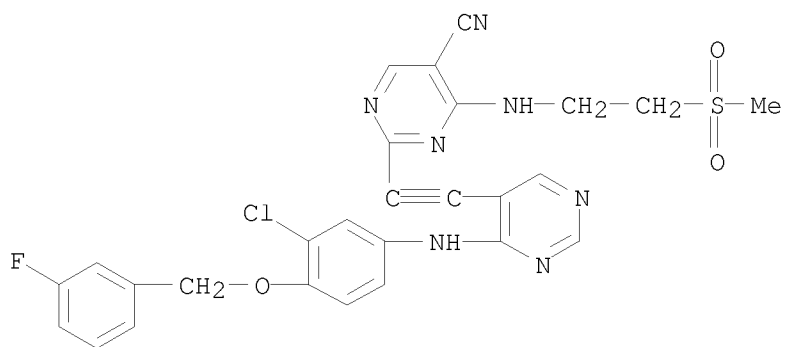
CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-[6-(1-piperazinylmethyl)-2-pyridinyl]ethynyl]- (CA INDEX NAME)

11/815,269



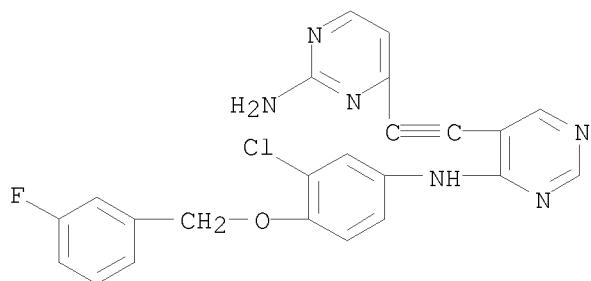
RN 845658-24-4 CAPLUS

CN 5-Pyrimidinecarbonitrile, 2-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]-4-[[2-(methylsulfonyl)ethyl]amino]- (CA INDEX NAME)



RN 845658-25-5 CAPLUS

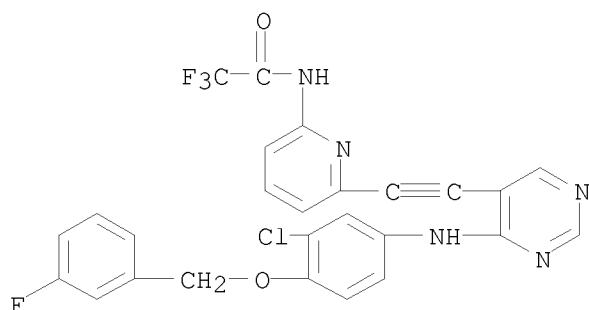
CN 4-Pyrimidinamine, 5-[2-(2-amino-4-pyrimidinyl)ethynyl]-N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]- (CA INDEX NAME)



RN 845658-26-6 CAPLUS

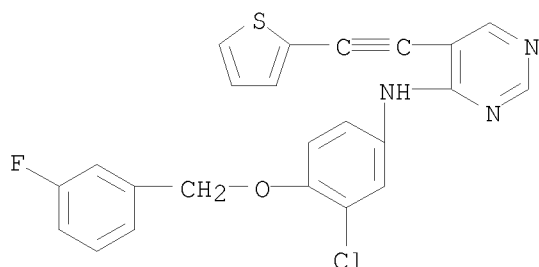
CN Acetamide, N-[6-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]-2-pyridinyl]-2,2,2-trifluoro- (CA INDEX NAME)

11/815,269



RN 845658-30-2 CAPLUS

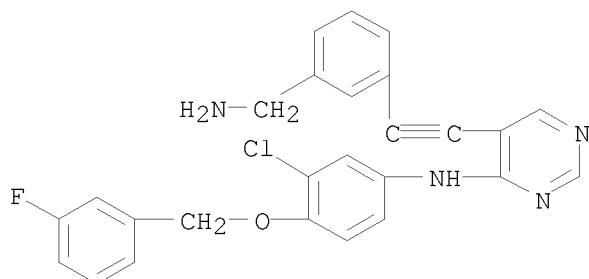
CN 4-Pyrimidinamine, N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]-5-[2-(2-thienyl)ethynyl]- (CA INDEX NAME)



IT 845658-58-4P, 5-[[3-(Aminomethyl)phenyl]ethynyl]-N-[3-chloro-4-[(3-fluorobenzyl)oxy]phenyl]pyrimidin-4-amine 845658-77-7P, Di(tert-butyl)[6-[[4-[3-chloro-4-[(3-fluorobenzyl)oxy]anilino]-5-pyrimidinyl]ethynyl]-2-pyridinyl] methyl imidodicarbonate  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(intermediate; preparation of pyrimidines as ErB kinase inhibitors)

RN 845658-58-4 CAPLUS

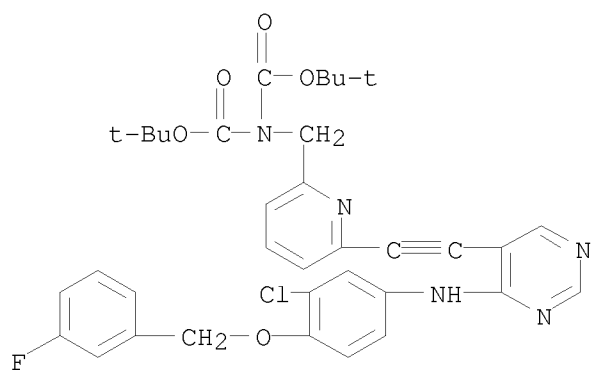
CN 4-Pyrimidinamine, 5-[2-[3-(aminomethyl)phenyl]ethynyl]-N-[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]- (CA INDEX NAME)



RN 845658-77-7 CAPLUS

CN Imidodicarbonic acid, N-[[[6-[2-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-5-pyrimidinyl]ethynyl]-2-pyridinyl]methyl]-, C,C'-bis(1,1-dimethylethyl) ester (CA INDEX NAME)

11/815,269

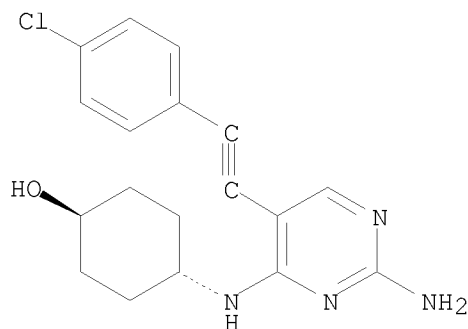


RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

11/815,269

L4 ANSWER 22 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN  
AN 2004:984717 CAPLUS  
DN 142:190983  
TI KP544, a nerve growth factor amplifier: pharmacokinetics, safety, and efficacy in the rat  
AU Krenitsky, Thomas A.; Dillberger, John; Zotova, Elena; Arezzo, Joseph C.; Koprach, James B.; Mortazavi, Farzad; Gates, Timothy A.; Dunbar, Gary L.  
CS Krenitsky Pharmaceuticals Inc., Durham, NC, USA  
SO Drug Development Research (2004), 62(1), 60-70  
CODEN: DDREDK; ISSN: 0272-4391  
PB Wiley-Liss, Inc.  
DT Journal  
LA English  
IT 393856-87-6, KP 544  
RL: ADV (Adverse effect, including toxicity); PAC (Pharmacological activity); PKT (Pharmacokinetics); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(nerve growth factor amplifier KP544 pharmacokinetics, safety, and efficacy in rat)  
RN 393856-87-6 CAPLUS  
CN Cyclohexanol, 4-[[2-amino-5-[2-(4-chlorophenyl)ethynyl]-4-pyrimidinyl]amino]-, trans- (CA INDEX NAME)

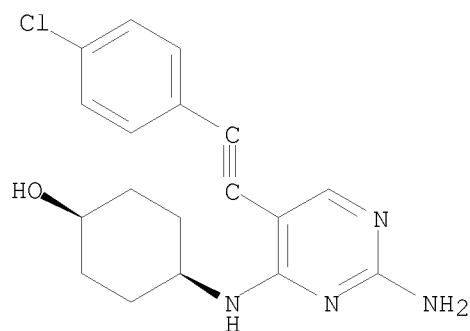
Relative stereochemistry.



IT 393856-89-8  
RL: BSU (Biological study, unclassified); BIOL (Biological study)  
(nerve growth factor amplifier KP544 pharmacokinetics, safety, and efficacy in rat)  
RN 393856-89-8 CAPLUS  
CN Cyclohexanol, 4-[[2-amino-5-[2-(4-chlorophenyl)ethynyl]-4-pyrimidinyl]amino]-, cis- (CA INDEX NAME)

Relative stereochemistry.

11/815,269

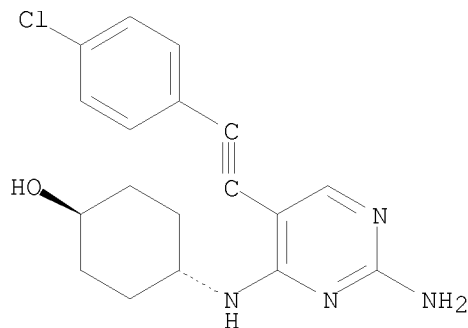


RE.CNT 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

11/815,269

L4 ANSWER 23 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN  
AN 2004:984716 CAPLUS  
DN 142:212157  
TI KP544 amplifies the effects of nerve growth factor on cell differentiation and is neuroprotective  
AU Fyfe, James A.; Beauchamp, Lilia M.; Caggiano, Anthony O.; Price, Raymond D.; Yamaji, Takayuki; Matsuoka, Nobuya; Krenitsky, Thomas A.  
CS Krenitsky Pharmaceuticals Inc., Durham, NC, USA  
SO Drug Development Research (2004), 62(1), 49-59  
CODEN: DDREDK; ISSN: 0272-4391  
PB Wiley-Liss, Inc.  
DT Journal  
LA English  
IT 393856-87-6, KP 544  
RL: DMA (Drug mechanism of action); PAC (Pharmacological activity); BIOL (Biological study)  
(KP544 amplifies the effects of nerve growth factor on cell differentiation and is neuroprotective)  
RN 393856-87-6 CAPLUS  
CN Cyclohexanol, 4-[[2-amino-5-[2-(4-chlorophenyl)ethynyl]-4-pyrimidinyl]amino]-, trans- (CA INDEX NAME)

Relative stereochemistry.



RE.CNT 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 24 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2004:120856 CAPLUS

DN 140:163889

TI Preparation of condensed pyridines and pyrimidines as Tie2 receptor tyrosine kinase inhibitors and their anti-angiogenic effect

IN Luke, Richard William Arthur; Jones, Clifford David; McCoull, William; Hayter, Barry Raymond

PA Astrazeneca AB, Swed.; Astrazeneca UK Limited

SO PCT Int. Appl., 184 pp.

CODEN: PIXXD2

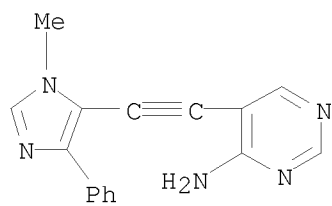
DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004013141	A1	20040212	WO 2003-GB3275	20030801
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	CA 2494421	A1	20040212	CA 2003-2494421	20030801
	AU 2003246972	A1	20040223	AU 2003-246972	20030801
	EP 1537112	A1	20050608	EP 2003-766443	20030801
	EP 1537112	B1	20060419		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	BR 2003013078	A	20050712	BR 2003-13078	20030801
	CN 1688579	A	20051026	CN 2003-823754	20030801
	JP 2005538118	T	20051215	JP 2004-525533	20030801
	AT 323702	T	20060515	AT 2003-766443	20030801
	NO 2005000418	A	20050428	NO 2005-418	20050125
	ZA 2005000863	A	20060222	ZA 2005-863	20050128
	MX 2005PA01389	A	20050428	MX 2005-PA1389	20050203
	US 20050256140	A1	20051117	US 2005-523401	20050203
	US 7427616	B2	20080923		
PRAI	GB 2002-18168	A	20020806		
	GB 2003-12356	A	20030530		
	WO 2003-GB3275	W	20030801		
OS	MARPAT 140:163889				
IT	655253-95-5P, 5-[(1-Methyl-4-phenyl-1H-imidazol-5-yl)ethynyl]pyrimidin-4-amine				
	RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)				
	(intermediate; preparation of condensed pyridines and pyrimidines as Tie2 receptor tyrosine kinase inhibitors)				
RN	655253-95-5 CAPLUS				
CN	4-Pyrimidinamine, 5-[2-(1-methyl-4-phenyl-1H-imidazol-5-yl)ethynyl]- (CA INDEX NAME)				

11/815,269



L4 ANSWER 25 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 2002:90025 CAPLUS  
 DN 136:151172  
 TI Preparation of 5-(arylalkynyl)pyrimidines having neurotrophic activity for  
 the treatment of neurodegenerative and other neurological disorders  
 IN Beauchamp, Lilia; Krenitsky, Thomas A.; Kelley, James L.  
 PA Krenitsky Pharmaceuticals, Inc., USA  
 SO PCT Int. Appl., 60 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002008205	A1	20020131	WO 2001-US23088	20010720
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	CA 2416442	A1	20020131	CA 2001-2416442	20010720
	AU 2001073574	A	20020205	AU 2001-73574	20010720
	EP 1303495	A1	20030423	EP 2001-952859	20010720
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	JP 2004504386	T	20040212	JP 2002-514111	20010720
	US 20040087789	A1	20040506	US 2003-333447	20030627
	US 7205297	B2	20070417		
PRAI	US 2000-220348P	P	20000724		
	WO 2001-US23088	W	20010720		

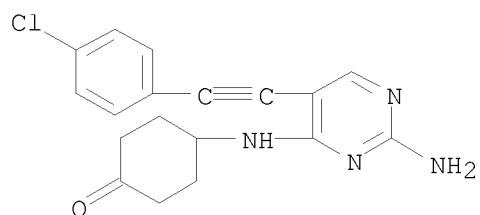
OS MARPAT 136:151172

IT 393856-66-1P, 2-Amino-5-(4-chlorophenylethynyl)-4-(4-oxocyclohexylamino)pyrimidine 393856-71-8P, 2-Amino-5-(4-bromophenylethynyl)-4-(4-trans-hydroxycyclohexylamino)pyrimidine 393856-87-6P, 2-Amino-5-(4-chlorophenylethynyl)-4-(trans-4-hydroxycyclohexylamino)pyrimidine 393857-07-3P, 2-Diisopropylaminomethyleneamino-4-(trans-4-hydroxycyclohexylamino)-5-phenylethynylpyrimidine  
 RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
 (CNS agent; preparation of (arylalkynyl)pyrimidines having neurotrophic activity for the treatment of neurodegenerative and other neurol. disorders)

RN 393856-66-1 CAPLUS

CN Cyclohexanone, 4-[[2-amino-5-[2-(4-chlorophenyl)ethynyl]-4-pyrimidinyl]amino]- (CA INDEX NAME)

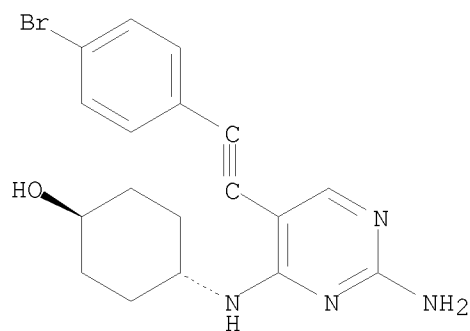
11/815,269



RN 393856-71-8 CAPLUS

CN Cyclohexanol, 4-[[2-amino-5-[2-(4-bromophenyl)ethynyl]-4-pyrimidinyl]amino]-, trans- (CA INDEX NAME)

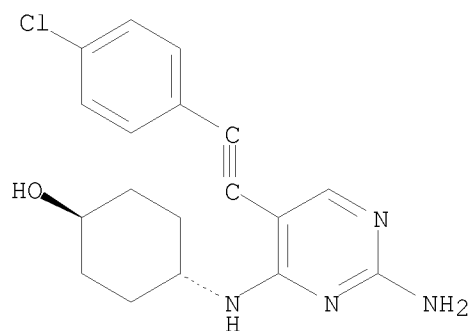
Relative stereochemistry.



RN 393856-87-6 CAPLUS

CN Cyclohexanol, 4-[[2-amino-5-[2-(4-chlorophenyl)ethynyl]-4-pyrimidinyl]amino]-, trans- (CA INDEX NAME)

Relative stereochemistry.

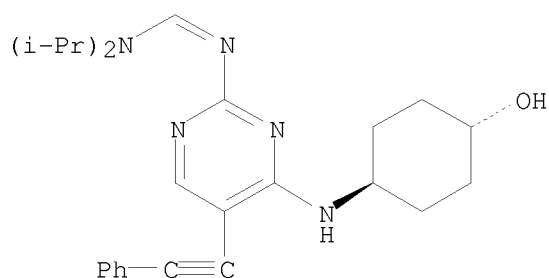


RN 393857-07-3 CAPLUS

CN Methanimidamide, N'-[4-[(trans-4-hydroxycyclohexyl)amino]-5-(2-phenylethynyl)-2-pyrimidinyl]-N,N-bis(1-methylethyl)- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry unknown.



IT 393855-73-7P, 4-(trans-4-Hydroxycyclohexylamino)-5-phenylethynylpyrimidine 393855-76-0P, 4-[2-(2-Hydroxyethoxy)ethylamino]-5-phenylethynylpyrimidine 393855-79-3P, 5-(4-Chlorophenylethynyl)-4-[2-(2-hydroxyethoxy)ethylamino]pyrimidine 393855-81-7P, 2-Amino-5-(4-chlorophenylethynyl)-4-[2-(2-hydroxyethoxy)ethylamino]pyrimidine 393856-02-5P, 4-(2-Hydroxyethylamino)-5-phenylethynylpyrimidine 393856-04-7P, 2-Amino-4-(2-hydroxyethylamino)-5-phenylethynylpyrimidine 393856-07-0P, 2-Amino-4-(4-hydroxyanilino)-5-phenylethynylpyrimidine 393856-10-5P, 2-Amino-4-(4-trans-hydroxycyclohexylamino)-5-(4-n-pentylphenylethynyl)pyrimidine 393856-13-8P, 2-Acetamido-4-(4-trans-acetoxycyclohexylamino)-5-(4-chlorophenylethynyl)pyrimidine 393856-17-2P, 2-Amino-5-(4-tert-butylphenylethynyl)-4-(4-trans-hydroxycyclohexylamino)pyrimidine 393856-21-8P, 2-Amino-5-(4-chlorophenylethynyl)-4-(4-hydroxyphenylethylamino)pyrimidine 393856-24-1P, 2-Amino-4-(4-hydroxyanilino)-5-(4-methoxyphenylethynyl)pyrimidine 393856-26-3P, 2-Amino-5-(4-propylphenylethynyl)-4-(4-trans-hydroxycyclohexylamino)pyrimidine 393856-29-6P, 2-Amino-4-(4-hydroxy-2-methylanilino)-5-(4-chlorophenylethynyl)pyrimidine 393856-31-0P, 2-Amino-5-(4-chlorophenylethynyl)-4-(4-hydroxyanilino)pyrimidine 393856-48-9P, 4-(4-Hydroxyanilino)-5-phenylethynylpyrimidine 393856-51-4P, 5-(4-Chlorophenylethynyl)-4-(4-hydroxyanilino)pyrimidine 393856-54-7P, 2-Amino-4-[2-(2-hydroxyethoxy)ethylamino]-5-(4-methylphenylethynyl)pyrimidine 393856-57-0P 393856-60-5P, 5-(4-Chlorophenylethynyl)-2-formamido-4-(4-trans-hydroxycyclohexylamino)pyrimidine 393856-63-8P, 2-Amino-5-(3,4-dichlorophenylethynyl)-4-(4-trans-hydroxycyclohexylamino)pyrimidine 393856-69-4P, 2-Amino-5-(2-chlorophenylethynyl)-4-(4-trans-hydroxycyclohexylamino)pyrimidine 393856-73-0P, 2-Amino-5-(4-chlorophenylethynyl)-4-(4-trans-hydroxycyclohexylamino)pyrimidine-0-dimethyl phosphate ester 393856-76-3P, 2-Amino-5-(4-chlorophenylethynyl)-4-(3,4-dimethoxyanilino)pyrimidine 393856-79-6P, 5-(4-Acetamidophenylethynyl)-2-amino-4-(4-trans-hydroxycyclohexylamino)pyrimidine 393856-82-1P, 5-(4-Chlorophenylethynyl)-4-(trans-4-hydroxycyclohexylamino)pyrimidine 393856-85-4P, 2-Amino-4-(trans-4-hydroxycyclohexylamino)-5-phenylethynylpyrimidine 393856-89-8P, 2-Amino-5-(4-chlorophenylethynyl)-4-(4-cis-hydroxycyclohexylamino)pyrimidine 393856-91-2P, 2-Amino-4-[2-(2-hydroxyethoxy)ethylamino]-5-phenylethynylpyrimidine 393856-95-6P, 2-Amino-5-(4-ethylphenylethynyl)-4-(4-trans-hydroxycyclohexylamino)pyrimidine 393857-11-9P, 5-(4-Chlorophenylethynyl)-2-diisopropylaminomethyleneamino-4-(trans-4-hydroxycyclohexylamino)pyrimidine 393857-13-1P, 2-Amino-5-(4-chlorophenylethynyl)-4-(2-hydroxyethylamino)pyrimidine

11/815,269

393857-31-3P, 2-Amino-5-(4-ethylphenylethynyl)-4-(4-trans-hydroxycyclohexylamino)pyrimidine hydrochloride 393857-34-6P, 2-Amino-5-(4-bromophenylethynyl)-4-(4-trans-hydroxycyclohexylamino)pyrimidine hydrochloride 393857-35-7P, 5-(4-Acetamidophenylethynyl)-2-amino-4-(4-trans-hydroxycyclohexylamino)pyrimidine hydrochloride 393857-41-5P, 2-Amino-4-(4-trans-hydroxycyclohexylamino)-5-(4-nitrophenylethynyl)pyrimidine hydrochloride 393857-43-7P, 2-Amino-4-(4-trans-hydroxycyclohexylamino)-5-(4-propylphenylethynyl)pyrimidine hydrochloride 393857-47-1P, 2-Amino-4-(4-hydroxyanilino)-5-(4-methoxyphenylethynyl)pyrimidine hydrochloride

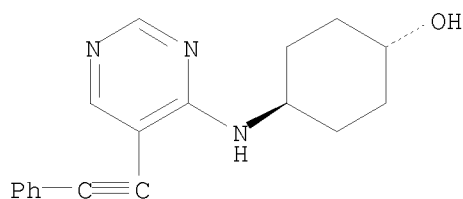
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(CNS agent; preparation of (arylalkynyl)pyrimidines having neurotrophic activity for the treatment of neurodegenerative and other neurol. disorders)

RN 393855-73-7 CAPLUS

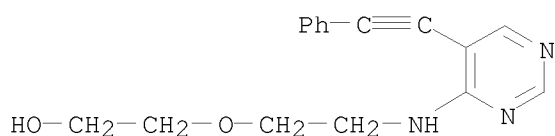
CN Cyclohexanol, 4-[[5-(2-phenylethynyl)-4-pyrimidinyl]amino]-, trans- (CA INDEX NAME)

Relative stereochemistry.



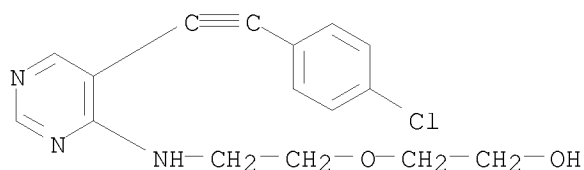
RN 393855-76-0 CAPLUS

CN Ethanol, 2-[2-[[5-(2-phenylethynyl)-4-pyrimidinyl]amino]ethoxy]- (CA INDEX NAME)



RN 393855-79-3 CAPLUS

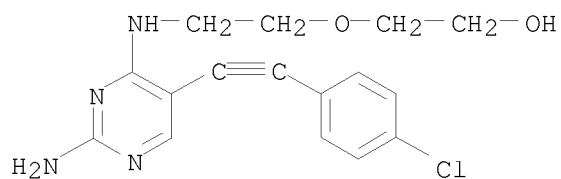
CN Ethanol, 2-[2-[[5-[2-(4-chlorophenyl)ethynyl]-4-pyrimidinyl]amino]ethoxy]- (CA INDEX NAME)



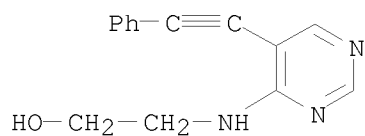
RN 393855-81-7 CAPLUS

CN Ethanol, 2-[2-[[2-amino-5-[2-(4-chlorophenyl)ethynyl]-4-pyrimidinyl]amino]ethoxy]- (CA INDEX NAME)

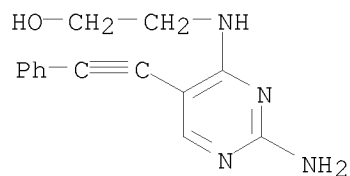
11/815,269



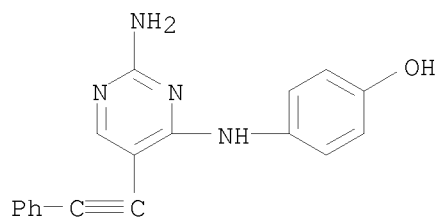
RN 393856-02-5 CAPLUS  
CN Ethanol, 2-[[5-(2-phenylethynyl)-4-pyrimidinyl]amino]- (CA INDEX NAME)



RN 393856-04-7 CAPLUS  
CN Ethanol, 2-[[2-amino-5-(2-phenylethynyl)-4-pyrimidinyl]amino]- (CA INDEX NAME)



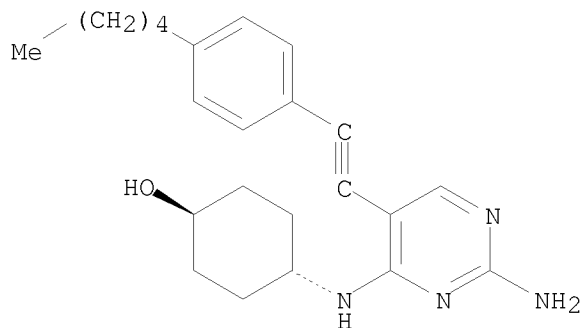
RN 393856-07-0 CAPLUS  
CN Phenol, 4-[[2-amino-5-(2-phenylethynyl)-4-pyrimidinyl]amino]- (CA INDEX NAME)



RN 393856-10-5 CAPLUS  
CN Cyclohexanol, 4-[[2-amino-5-[2-(4-pentylphenyl)ethynyl]-4-pyrimidinyl]amino]-, trans- (CA INDEX NAME)

Relative stereochemistry.

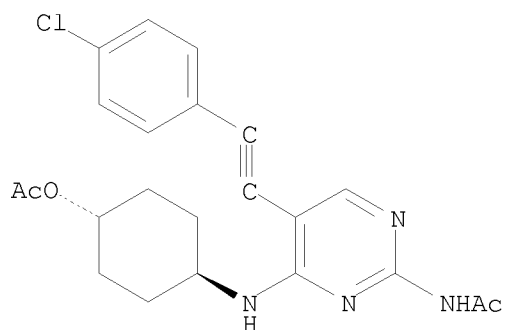
11/815,269



RN 393856-13-8 CAPLUS

CN Acetamide, N-[4-[[trans-4-(acetyloxy)cyclohexyl]amino]-5-[2-(4-chlorophenyl)ethynyl]-2-pyrimidinyl]- (CA INDEX NAME)

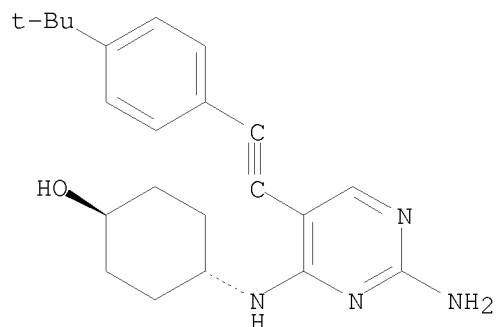
Relative stereochemistry.



RN 393856-17-2 CAPLUS

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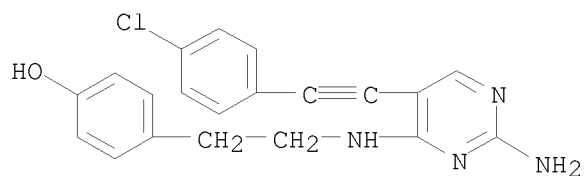
Relative stereochemistry.



RN 393856-21-8 CAPLUS

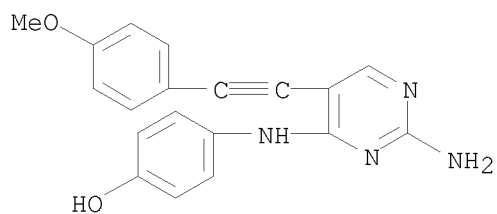
CN Phenol, 4-[2-[[2-amino-5-[2-(4-chlorophenyl)ethynyl]-4-pyrimidinyl]amino]ethyl]- (CA INDEX NAME)

11/815,269



RN 393856-24-1 CAPLUS

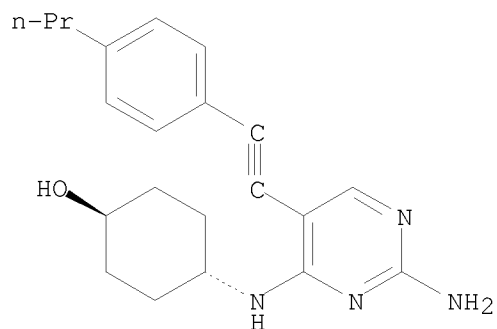
CN Phenol, 4-[[2-amino-5-[2-(4-methoxyphenyl)ethynyl]-4-pyrimidinyl]amino]-  
(CA INDEX NAME)



RN 393856-26-3 CAPLUS

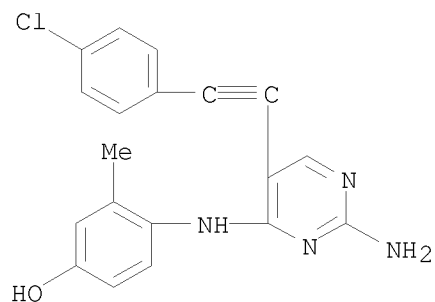
CN Cyclohexanol, 4-[[2-amino-5-[2-(4-propylphenyl)ethynyl]-4-pyrimidinyl]amino]-, trans-  
(CA INDEX NAME)

Relative stereochemistry.



RN 393856-29-6 CAPLUS

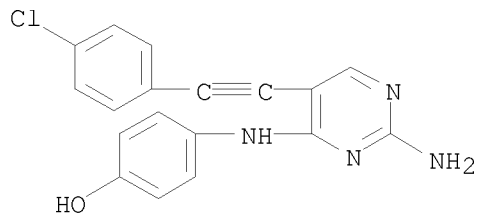
CN Phenol, 4-[[2-amino-5-[2-(4-chlorophenyl)ethynyl]-4-pyrimidinyl]amino]-3-methyl-  
(CA INDEX NAME)



11/815,269

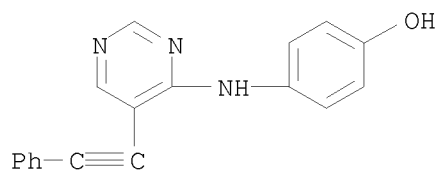
RN 393856-31-0 CAPLUS

CN Phenol, 4-[[2-amino-5-[2-(4-chlorophenyl)ethynyl]-4-pyrimidinyl]amino]-  
(CA INDEX NAME)



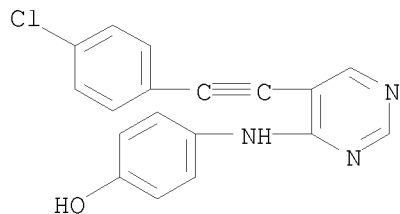
RN 393856-48-9 CAPLUS

CN Phenol, 4-[[5-(2-phenylethynyl)-4-pyrimidinyl]amino]- (CA INDEX NAME)



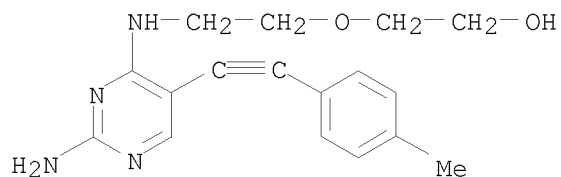
RN 393856-51-4 CAPLUS

CN Phenol, 4-[[5-[2-(4-chlorophenyl)ethynyl]-4-pyrimidinyl]amino]- (CA INDEX NAME)



RN 393856-54-7 CAPLUS

CN Ethanol, 2-[2-[[2-amino-5-[2-(4-methylphenyl)ethynyl]-4-pyrimidinyl]amino]ethoxy]- (CA INDEX NAME)

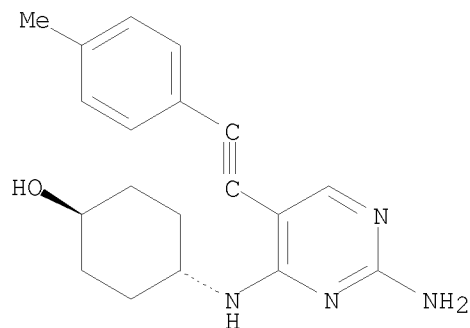


RN 393856-57-0 CAPLUS

CN Cyclohexanol, 4-[[2-amino-5-[2-(4-methylphenyl)ethynyl]-4-pyrimidinyl]amino]-, trans- (CA INDEX NAME)

Relative stereochemistry.

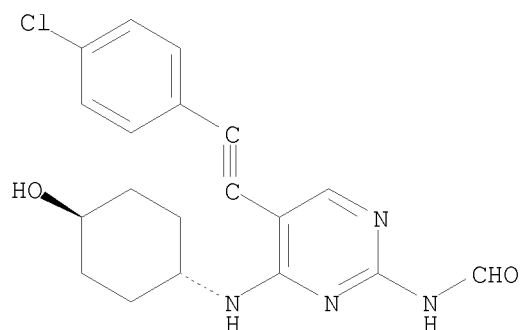
11/815,269



RN 393856-60-5 CAPLUS

CN Formamide, N-[5-[2-(4-chlorophenyl)ethynyl]-4-[(trans-4-hydroxycyclohexyl)amino]-2-pyrimidinyl]- (CA INDEX NAME)

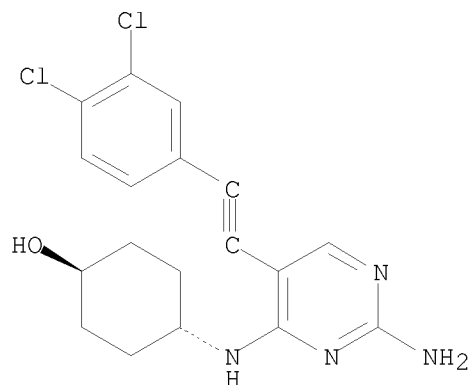
Relative stereochemistry.



RN 393856-63-8 CAPLUS

CN Cyclohexanol, 4-[[2-amino-5-[2-(3,4-dichlorophenyl)ethynyl]-4-pyrimidinyl]amino]-, trans- (CA INDEX NAME)

Relative stereochemistry.

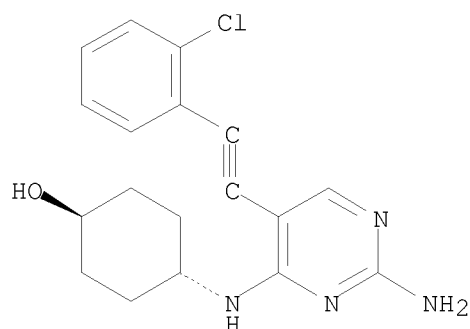


RN 393856-69-4 CAPLUS

CN Cyclohexanol, 4-[[2-amino-5-[2-(2-chlorophenyl)ethynyl]-4-pyrimidinyl]amino]-, trans- (CA INDEX NAME)

11/815,269

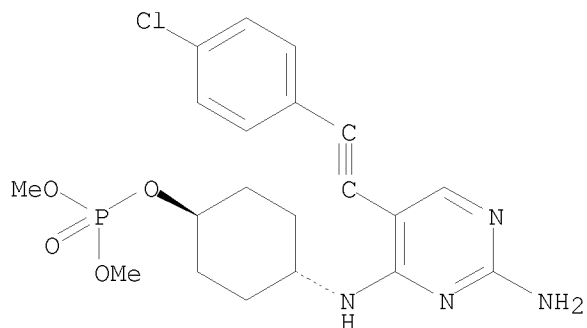
Relative stereochemistry.



RN 393856-73-0 CAPLUS

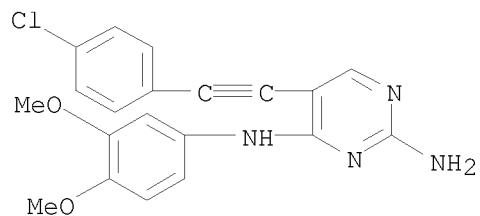
CN Phosphoric acid, trans-4-[[2-amino-5-[(4-chlorophenyl)ethynyl]-4-pyrimidinyl]amino]cyclohexyl dimethyl ester (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 393856-76-3 CAPLUS

CN 2,4-Pyrimidinediamine, 5-[2-(4-chlorophenyl)ethynyl]-N4-(3,4-dimethoxyphenyl)- (CA INDEX NAME)

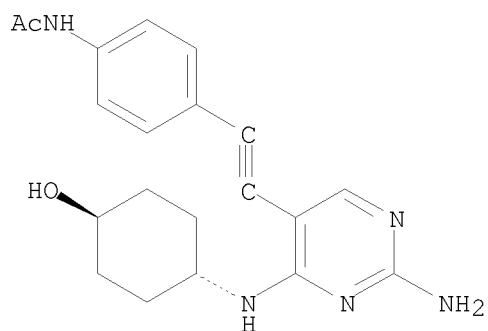


RN 393856-79-6 CAPLUS

CN Acetamide, N-[4-[2-[2-amino-4-[(trans-4-hydroxycyclohexyl)amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)

Relative stereochemistry.

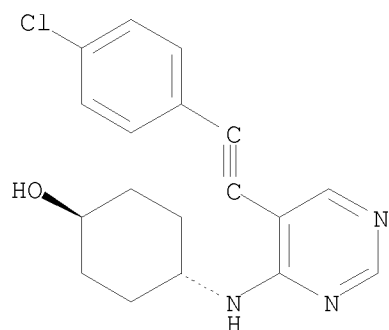
11/815,269



RN 393856-82-1 CAPLUS

CN Cyclohexanol, 4-[[5-[2-(4-chlorophenyl)ethynyl]-4-pyrimidinyl]amino]-, trans- (CA INDEX NAME)

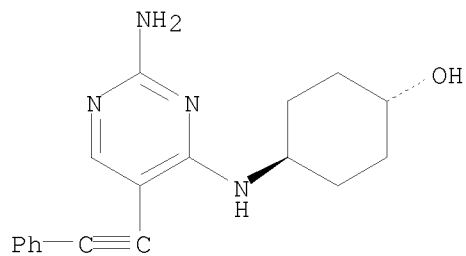
Relative stereochemistry.



RN 393856-85-4 CAPLUS

CN Cyclohexanol, 4-[[2-amino-5-(2-phenylethynyl)-4-pyrimidinyl]amino]-, trans- (CA INDEX NAME)

Relative stereochemistry.

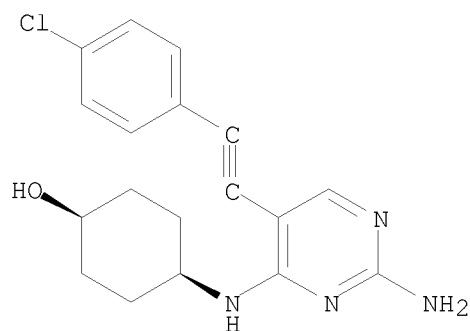


RN 393856-89-8 CAPLUS

CN Cyclohexanol, 4-[[2-amino-5-[2-(4-chlorophenyl)ethynyl]-4-pyrimidinyl]amino]-, cis- (CA INDEX NAME)

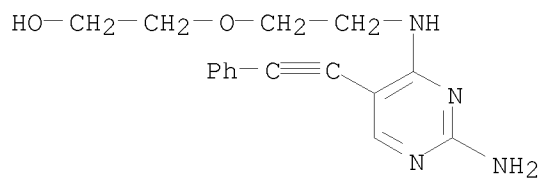
Relative stereochemistry.

11/815,269



RN 393856-91-2 CAPLUS

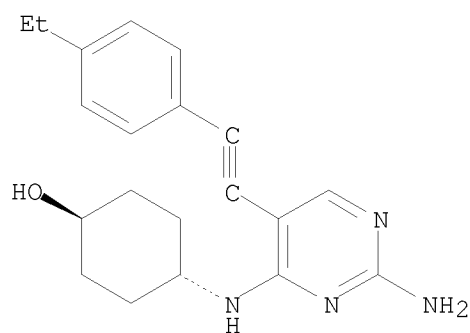
CN Ethanol, 2-[2-[[2-amino-5-(2-phenylethynyl)-4-pyrimidinyl]amino]ethoxy]-(CA INDEX NAME)



RN 393856-95-6 CAPLUS

CN Cyclohexanol, 4-[[2-amino-5-[2-(4-ethylphenyl)ethynyl]-4-pyrimidinyl]amino]-, trans- (CA INDEX NAME)

Relative stereochemistry.



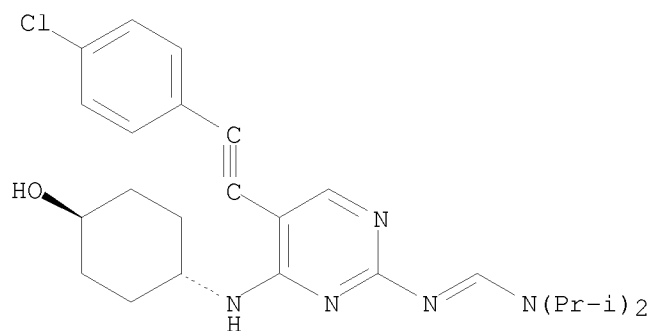
RN 393857-11-9 CAPLUS

CN Methanimidamide, N'-[5-[2-(4-chlorophenyl)ethynyl]-4-[(trans-4-hydroxycyclohexyl)amino]-2-pyrimidinyl]-N,N-bis(1-methylethyl)-(CA INDEX NAME)

Relative stereochemistry.

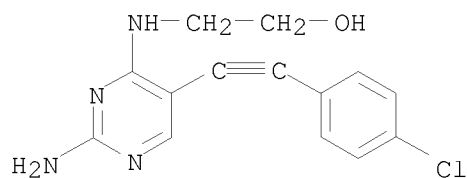
Double bond geometry unknown.

11/815,269



RN 393857-13-1 CAPLUS

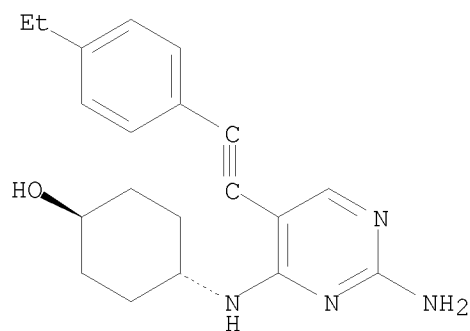
CN Ethanol, 2-[[2-amino-5-[2-(4-chlorophenyl)ethynyl]-4-pyrimidinyl]amino]- (CA INDEX NAME)



RN 393857-31-3 CAPLUS

CN Cyclohexanol, 4-[[2-amino-5-[2-(4-ethylphenyl)ethynyl]-4-pyrimidinyl]amino]-, hydrochloride (1:1), trans- (CA INDEX NAME)

Relative stereochemistry.



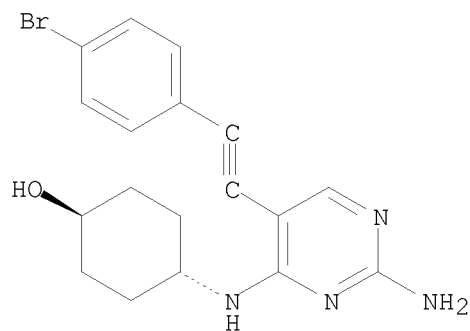
● HCl

RN 393857-34-6 CAPLUS

CN Cyclohexanol, 4-[[2-amino-5-[2-(4-bromophenyl)ethynyl]-4-pyrimidinyl]amino]-, hydrochloride (1:1), trans- (CA INDEX NAME)

Relative stereochemistry.

11/815,269

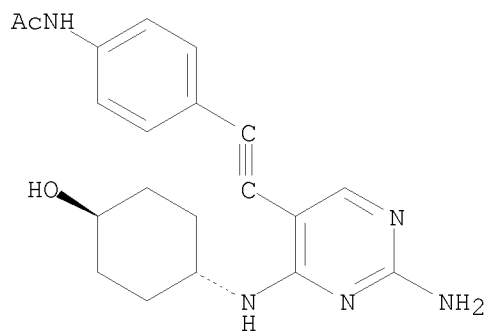


● HCl

RN 393857-35-7 CAPLUS

CN Acetamide, N-[4-[2-[2-amino-4-[(trans-4-hydroxycyclohexyl)amino]-5-pyrimidinyl]ethynyl]phenyl]-, hydrochloride (1:1) (CA INDEX NAME)

Relative stereochemistry.



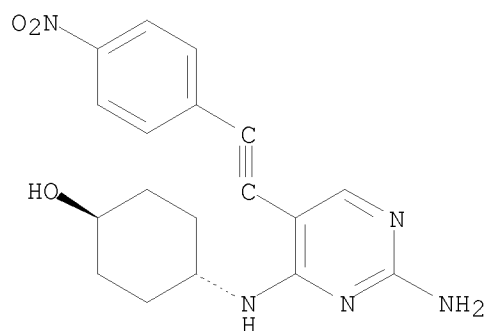
● HCl

RN 393857-41-5 CAPLUS

CN Cyclohexanol, 4-[[2-amino-5-[2-(4-nitrophenyl)ethynyl]-4-pyrimidinyl]amino]-, hydrochloride (1:1), trans- (CA INDEX NAME)

Relative stereochemistry.

11/815,269

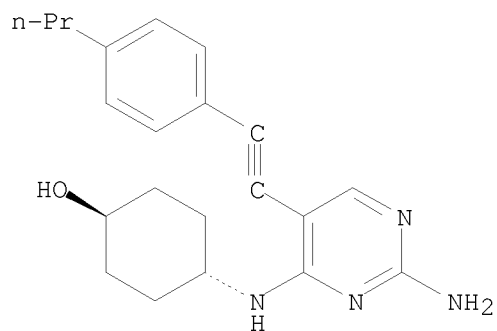


● HCl

RN 393857-43-7 CAPLUS

CN Cyclohexanol, 4-[[2-amino-5-[2-(4-propylphenyl)ethynyl]-4-pyrimidinyl]amino]-, hydrochloride (1:1), trans- (CA INDEX NAME)

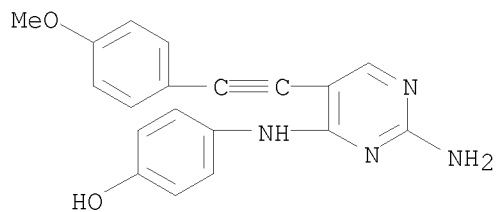
Relative stereochemistry.



● HCl

RN 393857-47-1 CAPLUS

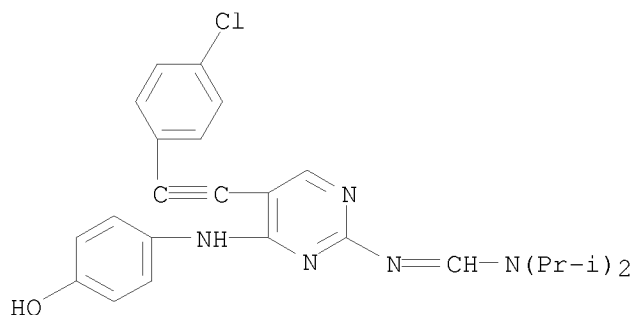
CN Phenol, 4-[[2-amino-5-[2-(4-methoxyphenyl)ethynyl]-4-pyrimidinyl]amino]-, hydrochloride (1:1) (CA INDEX NAME)



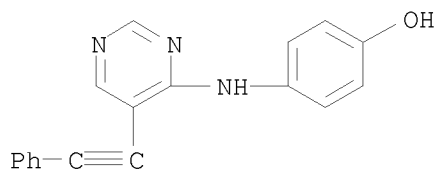
● HCl

11/815,269

IT 393857-14-2P, 5-(4-Chlorophenylethynyl)-2-diisopropylaminomethyleneamino-4-(4-hydroxyanilino)pyrimidine  
393857-20-0P, 4-(4-Hydroxyanilino)-5-phenylethynylpyrimidine  
hydrochloride 393857-23-3P, 5-(4-Chlorophenylethynyl)-4-(4-hydroxyanilino)pyrimidine hydrochloride  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(intermediate; preparation of (arylalkynyl)pyrimidines having neurotrophic activity for the treatment of neurodegenerative and other neurol. disorders)  
RN 393857-14-2 CAPLUS  
CN Methanimidamide, N'-[5-[2-(4-chlorophenyl)ethynyl]-4-[(4-hydroxyphenyl)amino]-2-pyrimidinyl]-N,N-bis(1-methylethyl)- (CA INDEX NAME)



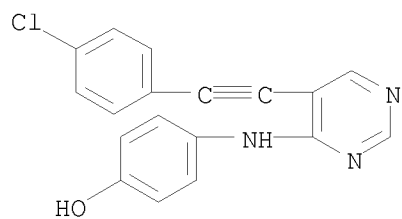
RN 393857-20-0 CAPLUS  
CN Phenol, 4-[[5-(2-phenylethynyl)-4-pyrimidinyl]amino]-, hydrochloride (1:1)  
(CA INDEX NAME)



● HCl

RN 393857-23-3 CAPLUS  
CN Phenol, 4-[[5-[2-(4-chlorophenyl)ethynyl]-4-pyrimidinyl]amino]-, hydrochloride (1:1) (CA INDEX NAME)

11/815,269



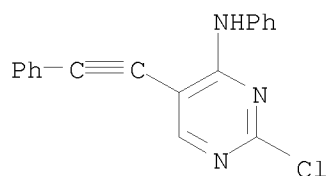
● HCl

RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

11/815,269

L4 ANSWER 26 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN  
AN 2000:457043 CAPLUS  
DN 133:89537  
TI Preparation of 2,4-pyrimidinediamine derivatives as anticancer agents  
IN Bradbury, Robert Hugh; Breault, Gloria Anne; Jewsbury, Philip John; Pease, Janet Elizabeth  
PA Astrazeneca UK Limited, UK  
SO PCT Int. Appl., 137 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000039101	A1	20000706	WO 1999-GB4325	19991220
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	CA 2352896	A1	20000706	CA 1999-2352896	19991220
	EP 1140860	A1	20011010	EP 1999-962375	19991220
	EP 1140860	B1	20040922		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	BR 9916590	A	20011023	BR 1999-16590	19991220
	JP 2002533446	T	20021008	JP 2000-591012	19991220
	AU 763091	B2	20030710	AU 2000-18743	19991220
	NZ 512118	A	20030829	NZ 1999-512118	19991220
	AT 277020	T	20041015	AT 1999-962375	19991220
	PT 1140860	T	20050131	PT 1999-962375	19991220
	ES 2228145	T3	20050401	ES 1999-962375	19991220
	CN 1285580	C	20061122	CN 1999-816278	19991220
	ZA 2001004413	A	20020829	ZA 2001-4413	20010529
	NO 2001003038	A	20010822	NO 2001-3038	20010619
	NO 319815	B1	20050919		
	MX 2001PA06575	A	20011203	MX 2001-PA6575	20010625
	US 6593326	B1	20030715	US 2001-868602	20010823
PRAI	GB 1998-28511	A	19981224		
	WO 1999-GB4325	W	19991220		
OS	MARPAT 133:89537				
IT	280582-47-0P, 4-Anilino-2-chloro-5-(2-phenylethynyl)pyrimidine				
	RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)				
	(preparation of 2,4-pyrimidinediamine anticancer agents by coupling halopyrimidines with anilines and optional derivatization)				
RN	280582-47-0 CAPLUS				
CN	4-Pyrimidinamine, 2-chloro-N-phenyl-5-(2-phenylethynyl)- (CA INDEX NAME)				

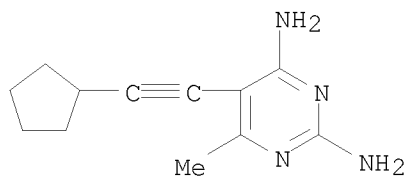


11/815,269

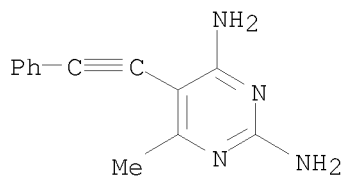
RE.CNT 4      THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

11/815,269

L4 ANSWER 27 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN  
AN 1999:216714 CAPLUS  
DN 130:311761  
TI Inhibitors of dihydrofolate reductase: design, synthesis and antimicrobial activities of 2,4-diamino-6-methyl-5-ethynylpyrimidines  
AU Jones, Michael L.; Baccanari, David P.; Tansik, Robert L.; Boytos, Christine M.; Rudolph, Sharon K.; Kuyper, Lee F.  
CS Glaxo Wellcome Inc., Research Triangle Park, NC, 27709, USA  
SO Journal of Heterocyclic Chemistry (1999), 36(1), 145-148  
CODEN: JHTCAD; ISSN: 0022-152X  
PB HeteroCorporation  
DT Journal  
LA English  
IT 223672-35-3P 223672-43-3P  
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)  
(preparation of diaminomethylethynylpyrimidines and their inhibition of dihydrofolate reductase)  
RN 223672-35-3 CAPLUS  
CN 2,4-Pyrimidinediamine, 5-(2-cyclopentylethynyl)-6-methyl- (CA INDEX NAME)



RN 223672-43-3 CAPLUS  
CN 2,4-Pyrimidinediamine, 6-methyl-5-(2-phenylethynyl)- (CA INDEX NAME)



RE.CNT 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

11/815,269

L4 ANSWER 28 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1998:338127 CAPLUS

DN 129:16136

OREF 129:3469a,3472a

TI 5-[ $\omega$ -(Substituted aryl)alkenyl- and alkynyl]-2,4-diaminopyrimidines  
as pesticides

IN Henrie, Robert N., II; Peake, Clinton J.; Cullen, Thomas G.; Yeager,  
Walter H.; Brown, Mary E.; Buser, John W.

PA FMC Corp., USA

SO PCT Int. Appl., 102 pp.

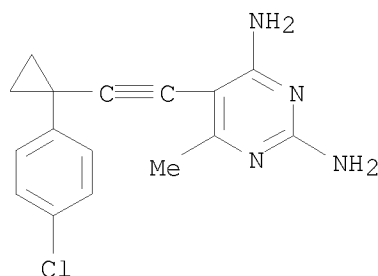
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

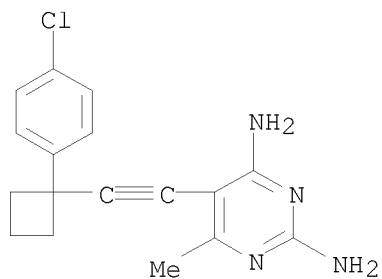
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	WO 9820878	A1	19980522	WO 1996-US17748	19961111
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	AU 9676696	A	19980603	AU 1996-76696	19961111
PRAI	WO 1996-US17748	W	19961111		
OS	MARPAT 129:16136				
IT	189810-48-8 189810-49-9 189810-51-3 189810-66-0 189810-67-1				
	RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses)				
	(5-[ $\omega$ -(substituted aryl)alkenyl- and alkynyl]-2,4- diaminopyrimidines as pesticides and acaricides)				
RN	189810-48-8 CAPLUS				
CN	2,4-Pyrimidinediamine, 5-[2-[1-(4-chlorophenyl)cyclopropyl]ethynyl]-6- methyl- (CA INDEX NAME)				



RN 189810-49-9 CAPLUS

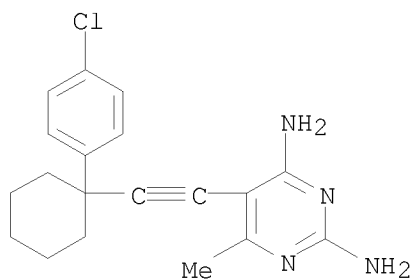
CN 2,4-Pyrimidinediamine, 5-[2-[1-(4-chlorophenyl)cyclobutyl]ethynyl]-6-  
methyl- (CA INDEX NAME)

11/815,269



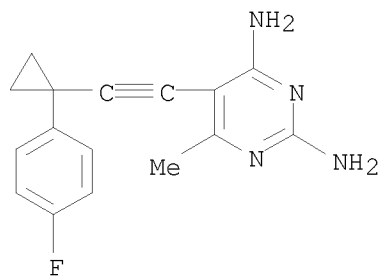
RN 189810-51-3 CAPLUS

CN 2,4-Pyrimidinediamine, 5-[2-[1-(4-chlorophenyl)cyclohexyl]ethynyl]-6-methyl- (CA INDEX NAME)



RN 189810-66-0 CAPLUS

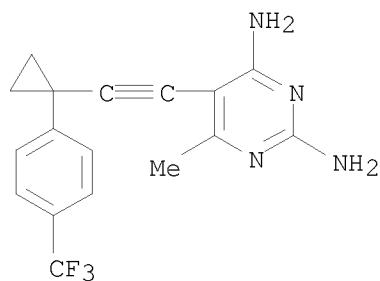
CN 2,4-Pyrimidinediamine, 5-[2-[1-(4-fluorophenyl)cyclopropyl]ethynyl]-6-methyl- (CA INDEX NAME)



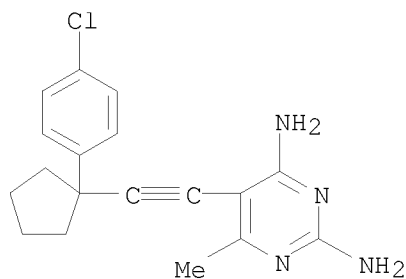
RN 189810-67-1 CAPLUS

CN 2,4-Pyrimidinediamine, 6-methyl-5-[2-[1-[4-(trifluoromethyl)phenyl]cyclopropyl]ethynyl]- (CA INDEX NAME)

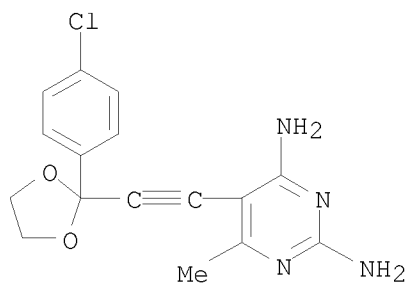
11/815,269



IT 189810-50-2P  
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(5-[ω-(substituted aryl)alkenyl- and alkynyl]-2,4-diaminopyrimidines as pesticides and acaricides)  
RN 189810-50-2 CAPLUS  
CN 2,4-Pyrimidinediamine, 5-[2-[1-(4-chlorophenyl)cyclopentyl]ethynyl]-6-methyl- (CA INDEX NAME)



IT 207799-66-4P  
RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(5-[ω-(substituted aryl)alkenyl- and alkynyl]-2,4-diaminopyrimidines as pesticides and acaricides)  
RN 207799-66-4 CAPLUS  
CN 2,4-Pyrimidinediamine, 5-[2-[2-(4-chlorophenyl)-1,3-dioxolan-2-yl]ethynyl]-6-methyl- (CA INDEX NAME)



RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT



11/815,269

L4 ANSWER 29 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1997:287177 CAPLUS

DN 126:343574

OREF 126:66821a

TI Preparation of 5-[ω-(substituted aryl)alkenylene- and  
-alkynylene]-2,4-diaminopyrimidines as pesticides

IN Henrie, Ii Robert N.; Peake, Clinton J.; Cullen, Thomas G.; Yeager, Walter  
H.; Brown, Mary E.; Buser, John W.

PA FMC Corp., USA

SO U.S., 36 pp., Cont.-in-part of U.S. Ser. No. 241,083, abandoned.  
CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	US 5622954	A	19970422	US 1995-398205	19950302
	US 5696259	A	19971209	US 1996-681032	19960722
PRAI	US 1994-241083	B2	19940511		
	US 1995-398205	A3	19950302		

OS MARPAT 126:343574

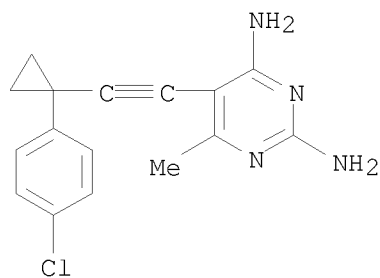
IT 189810-48-8P 189810-49-9P 189810-50-2P

189810-51-3P 189810-66-0P 189810-67-1P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except  
adverse); BSU (Biological study, unclassified); SPN (Synthetic  
preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation of [(substituted aryl)alkenylene- and -  
alkynylene]pyrimidinediamines as pesticides)

RN 189810-48-8 CAPLUS

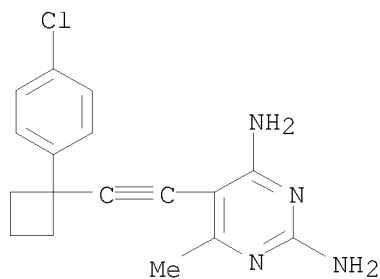
CN 2,4-Pyrimidinediamine, 5-[2-[1-(4-chlorophenyl)cyclopropyl]ethynyl]-6-  
methyl- (CA INDEX NAME)



RN 189810-49-9 CAPLUS

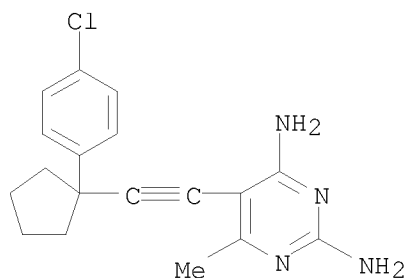
CN 2,4-Pyrimidinediamine, 5-[2-[1-(4-chlorophenyl)cyclobutyl]ethynyl]-6-  
methyl- (CA INDEX NAME)

11/815,269



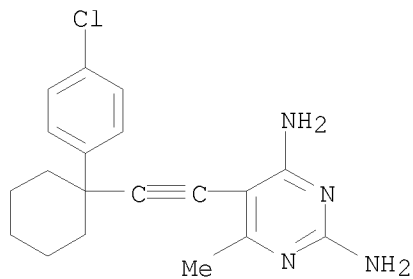
RN 189810-50-2 CAPLUS

CN 2,4-Pyrimidinediamine, 5-[2-[1-(4-chlorophenyl)cyclopentyl]ethynyl]-6-methyl- (CA INDEX NAME)



RN 189810-51-3 CAPLUS

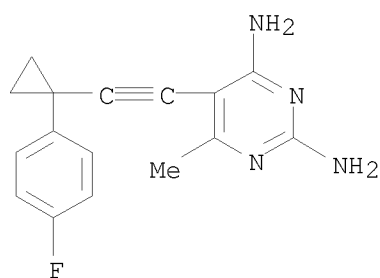
CN 2,4-Pyrimidinediamine, 5-[2-[1-(4-chlorophenyl)cyclohexyl]ethynyl]-6-methyl- (CA INDEX NAME)



RN 189810-66-0 CAPLUS

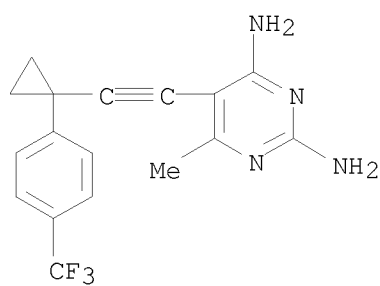
CN 2,4-Pyrimidinediamine, 5-[2-[1-(4-fluorophenyl)cyclopropyl]ethynyl]-6-methyl- (CA INDEX NAME)

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RN 189810-67-1 CAPLUS

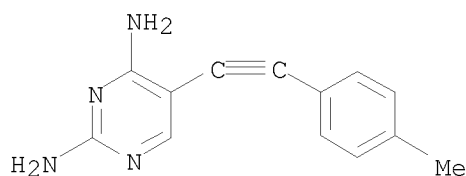
CN 2,4-Pyrimidinediamine, 6-methyl-5-[2-[1-[4-(trifluoromethyl)phenyl]cyclopropyl]ethynyl]- (CA INDEX NAME)



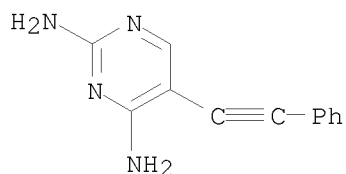
11/815,269

L4 ANSWER 30 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN  
AN 1995:35265 CAPLUS  
DN 122:160666  
OREF 122:29617a,29620a  
TI Pyrimidine, pyridine, pteridinone and indazole derivatives as enzyme inhibitors  
IN Bigham, Eric Cleveland; Reinhard, John Frederick, Jr.; Moore, Philip Keith; Babbedge, Rachel Cecilia; Knowles, Richard Graham; Nobbs, Malcolm Stuart; Bull, Donald  
PA Wellcome Foundation Ltd., UK  
SO PCT Int. Appl., 46 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 9414780	A1	19940707	WO 1993-GB2556	19931215
	W: AU, CA, CZ, JP, KR, KZ, NO, NZ, PL, RU, UA, US, UZ				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 9457045	A	19940719	AU 1994-57045	19931215
	EP 674627	A1	19951004	EP 1994-902868	19931215
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
	JP 08504798	T	19960521	JP 1993-514909	19931215
	ZA 9309480	A	19950619	ZA 1993-9480	19931217
	US 5459158	A	19951017	US 1993-168246	19931217
PRAI	GB 1992-26377	A	19921218		
	GB 1993-3221	A	19930218		
	WO 1993-GB2556	W	19931215		
OS	MARPAT 122:160666				
IT	157924-50-0P 157924-51-1P				
	RL: SPN (Synthetic preparation); PREP (Preparation)				
	(preparation of, as neuronal NO synthase inhibitor)				
RN	157924-50-0 CAPLUS				
CN	2,4-Pyrimidinediamine, 5-[2-(4-methylphenyl)ethynyl]-			(CA INDEX NAME)	

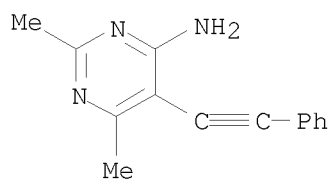


RN 157924-51-1 CAPLUS  
CN 2,4-Pyrimidinediamine, 5-(2-phenylethynyl)- (CA INDEX NAME)



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L4 ANSWER 31 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN  
AN 1982:582351 CAPLUS  
DN 97:182351  
OREF 97:30509a,30512a  
TI Studies on pyrimidine derivatives. XXIX. Synthesis of pyrimidines fused  
with five-membered heterocycles by cross-coupling of 5-iodopyrimidines  
with phenylacetylene and styrene  
AU Sakamoto, Takao; Kondo, Yoshinori; Yamanaka, Hiroshi  
CS Pharm. Inst., Tohoku Univ., Sendai, 980, Japan  
SO Chemical & Pharmaceutical Bulletin (1982), 30(7), 2417-20  
CODEN: CPBTAL; ISSN: 0009-2363  
DT Journal  
LA English  
OS CASREACT 97:182351  
IT 83410-47-3P  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)  
RN 83410-47-3 CAPLUS  
CN 4-Pyrimidinamine, 2,6-dimethyl-5-(phenylethynyl)- (9CI) (CA INDEX NAME)



11/815,269

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

117.21

296.24

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